

+- THE BIG BOOK OF × ÷

SUPER FUN MATH PUZZLES

300+ KID-FRIENDLY MATH ACTIVITIES



GRADES 1-6

mashupmath ▶



Hey There!

Welcome to The Big Book of Super Fun Math Puzzles for Grades 1-6.

You're probably here because you know that the key to getting your kids excited about practicing and learning math is to make the materials fun and engaging.

This workbook shares a massive collection of math puzzles and challenges that are super fun to solve and are sure to get your kids thinking and problem-solving creatively and mathematically (and even algebraically, way before they ever step foot inside of an algebra class!).

These activities are ideal for students at the elementary and middle school levels and can be done at home and/or in the classroom.

Enjoy,
Anthony :)



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HOW TO USE THE ACTIVITIES IN THIS WORKBOOK

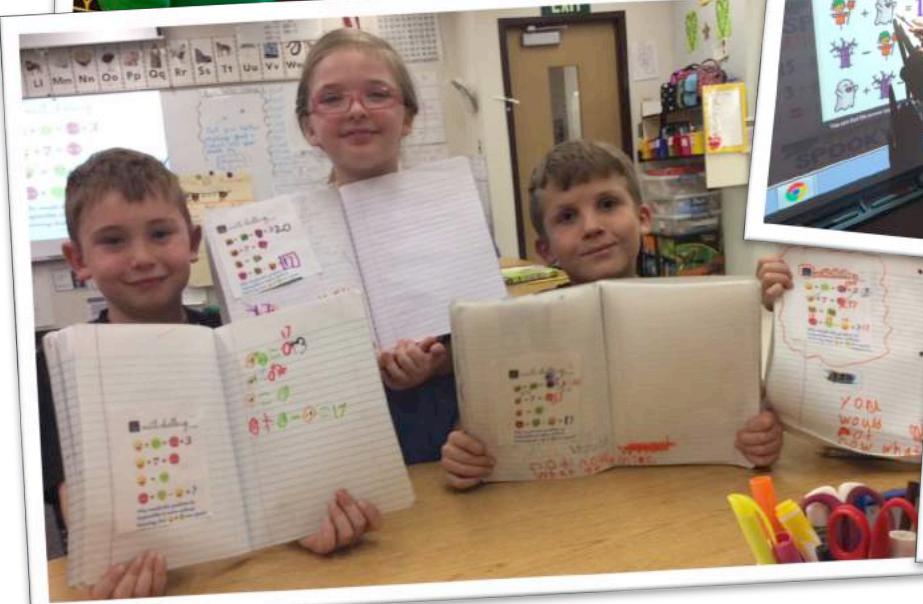
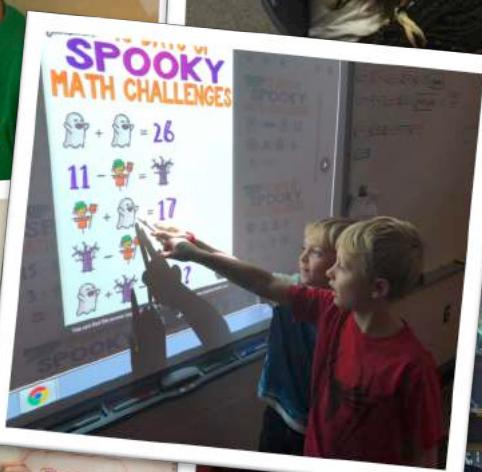
WARM-UP AND EXIT TICKET ACTIVITIES



HOMEWORK AND EXTRA CREDIT



GROUP WORK AND COLLABORATIVE LEARNING



CELEBRATE SPECIAL OCCASIONS IN YOUR CLASSROOM



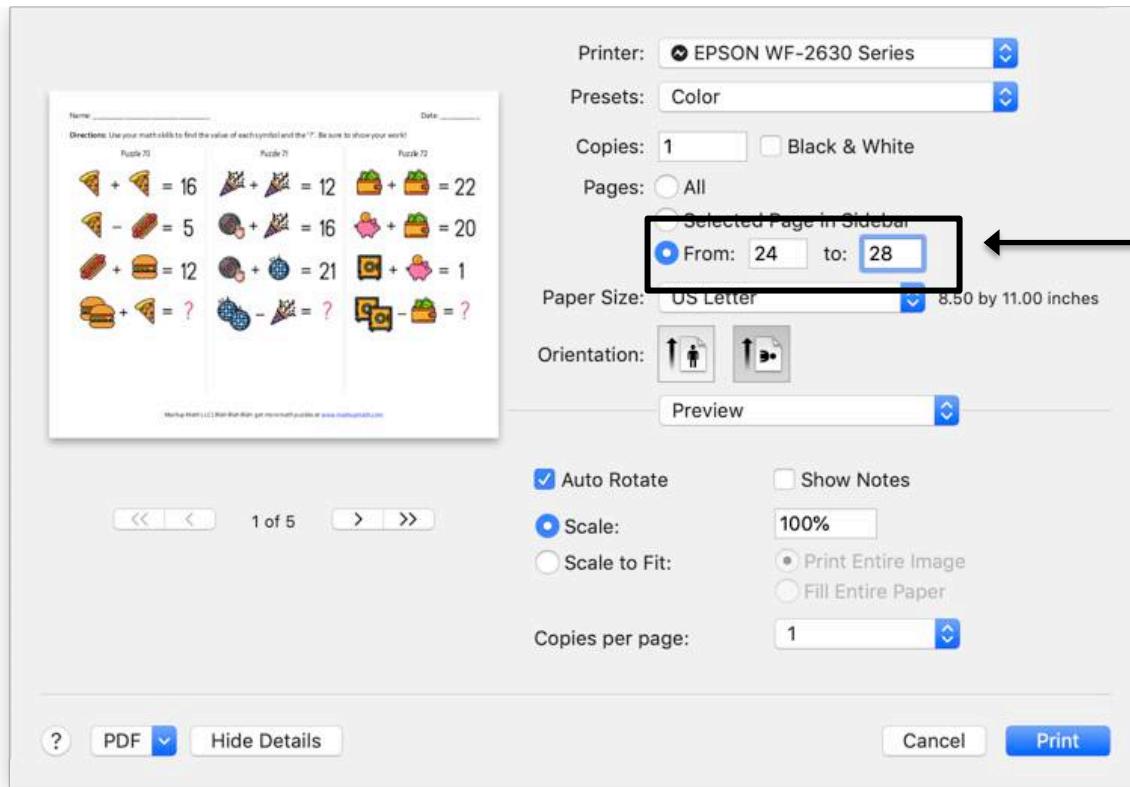
DIFFERENTIATING YOUR INSTRUCTION AND SUPPLEMENTING YOUR LESSON PLANS

SUB PLANS AND SUMMER SESSION



How To PRINT

- 1.) Select the puzzle or activity that you want to print.
- 2.) Right-click on the page and select PRINT or press CTRL+P.
- 3.) Select the number of copies.



Utilize the page range feature to print consecutive pages.

LEVELS OF DIFFICULTY

The puzzles in this workbook are structured based on the following difficulty levels.



PINK (GRADES 1-2)

These are the most basic puzzles and are geared towards students in grades 1 and 2.

They focus on skills including:

- single-digit addition
- single-digit subtraction
- basic multiplication
- single-step problem-solving

BLUE (GRADES 3-4)

These puzzles are of intermediate difficulty and are geared towards students in grades 3 and 4.

They focus on skills including:

- multi-digit operations
- operations with zero
- basic measurement and area
- multi-step problem solving

GREEN (GRADES 5-6+)

These puzzles are more advanced and are geared towards students in grades 5 and 6.

They focus on skills including:

- advanced multi-digit operations
- order of operations
- advanced measurement and area
- algebraic problem solving

Note that these levels serve only as general guidelines. The activities in this book are differentiated to allow teachers to best meet their students' needs based on their respective ability levels.

PUZZLES 1-42

DIFFICULTY LEVEL: PINK (GRADES 1-2)

FOCUS

- SINGLE-DIGIT ADDITION & SUBTRACTION
- ADDING 10 AND SINGLE-DIGIT NUMBERS



Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 1

$$\text{Fox} + \text{Fox} = 8$$

$$\text{Bird} + \text{Fox} = 7$$

$$\text{Bird} + \text{Snail} = 5$$

$$\text{Snail} + \text{Fox} = ?$$

Puzzle 2

$$\text{Heart} + \text{Heart} = 2$$

$$\text{Diamond} + \text{Heart} = 4$$

$$\text{Lightning} + \text{Diamond} = 7$$

$$\text{Lightning} + \text{Heart} = ?$$

Puzzle 3

$$\text{Grapes} + \text{Grapes} = 2$$

$$\text{Grapes} + \text{Orange} = 6$$

$$\text{Orange} + \text{Strawberry} = 8$$

$$\text{Grapes} + \text{Strawberry} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 4

$$\begin{array}{c} \text{Green monster} \\ + \\ \text{Green monster} \end{array} = 10$$

$$\begin{array}{c} \text{Green monster} \\ + \\ \text{Red monster} \end{array} = 6$$

$$\begin{array}{c} \text{Blue monster} \\ + \\ \text{Red monster} \end{array} = 3$$

$$\begin{array}{c} \text{Green monster} \\ + \\ \text{Blue monster} \end{array} = ?$$

Puzzle 5

$$\begin{array}{c} \text{Umbrella} \\ + \\ \text{Umbrella} \end{array} = 6$$

$$\begin{array}{c} \text{Hat} \\ + \\ \text{Umbrella} \end{array} = 9$$

$$\begin{array}{c} \text{Hat} \\ + \\ \text{Tree} \end{array} = 7$$

$$\begin{array}{c} \text{Tree} \\ + \\ \text{Umbrella} \end{array} = ?$$

Puzzle 6

$$\begin{array}{c} \text{Lollipop} \\ + \\ \text{Lollipop} \end{array} = 2$$

$$\begin{array}{c} \text{Gummy bear} \\ + \\ \text{Lollipop} \end{array} = 5$$

$$\begin{array}{c} \text{Gummy bear} \\ + \\ \text{Lollipop} \end{array} = 7$$

$$\begin{array}{c} \text{Lollipop} \\ + \\ \text{Lollipop} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 7

$$\begin{array}{c} \text{unicorn} \\ + \\ \text{unicorn} \end{array} = 4$$

$$\begin{array}{c} \text{unicorn} \\ + \\ \text{lantern} \end{array} = 9$$

$$\begin{array}{c} \text{lantern} \\ + \\ \text{mermaid} \end{array} = 8$$

$$\begin{array}{c} \text{unicorn} \\ + \\ \text{mermaid} \end{array} = ?$$

Puzzle 8

$$\begin{array}{c} \text{helmet} \\ + \\ \text{helmet} \end{array} = 4$$

$$\begin{array}{c} \text{helmet} \\ + \\ \text{snowboard} \end{array} = 7$$

$$\begin{array}{c} \text{snowboard} \\ + \\ \text{hoodie} \end{array} = 6$$

$$\begin{array}{c} \text{hoodie} \\ + \\ \text{helmet} \end{array} = ?$$

Puzzle 9

$$\begin{array}{c} \text{boy} \\ + \\ \text{boy} \end{array} = 8$$

$$\begin{array}{c} \text{boy} \\ + \\ \text{boy} \end{array} = 7$$

$$\begin{array}{c} \text{girl} \\ + \\ \text{boy} \end{array} = 9$$

$$\begin{array}{c} \text{boy} \\ + \\ \text{girl} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 10

$$\begin{array}{c} \text{Hamburger} \\ + \\ \text{Taco} \end{array} = 5$$

$$\begin{array}{c} \text{Hamburger} \\ + \\ \text{Hamburger} \end{array} = 6$$

$$\begin{array}{c} \text{French Fries} \\ + \\ \text{Taco} \end{array} = 8$$

$$\begin{array}{c} \text{French Fries} \\ + \\ \text{Hamburger} \end{array} = ?$$

Puzzle 11

$$\begin{array}{c} \text{Globe} \\ + \\ \text{Globe} \end{array} = 6$$

$$\begin{array}{c} \text{Crown} \\ + \\ \text{Globe} \end{array} = 4$$

$$\begin{array}{c} \text{Crown} \\ + \\ \text{Party Hat} \end{array} = 7$$

$$\begin{array}{c} \text{Party Hat} \\ + \\ \text{Globe} \end{array} = ?$$

Puzzle 12

$$\begin{array}{c} \text{Fish Tank} \\ + \\ \text{Fish Tank} \end{array} = 4$$

$$\begin{array}{c} \text{Fish Tank} \\ + \\ \text{Cactus} \end{array} = 3$$

$$\begin{array}{c} \text{Candles} \\ + \\ \text{Cactus} \end{array} = 9$$

$$\begin{array}{c} \text{Candles} \\ + \\ \text{Fish Tank} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 13

$$\begin{array}{c} \text{Cat} \\ \text{Cat} \end{array} + \begin{array}{c} \text{Cat} \\ \text{Cat} \end{array} = 10$$

$$\begin{array}{c} \text{Cat} \\ \text{Cat} \end{array} + \begin{array}{c} \text{Dog} \\ \text{Dog} \end{array} = 6$$

$$\begin{array}{c} \text{Dog} \\ \text{Dog} \end{array} + \begin{array}{c} \text{Dog} \\ \text{Dog} \end{array} = 3$$

$$\begin{array}{c} \text{Cat} \\ \text{Cat} \end{array} + \begin{array}{c} \text{Dog} \\ \text{Dog} \end{array} = ?$$

Puzzle 14

$$\begin{array}{c} \text{Heart Eyes} \\ \text{Heart Eyes} \end{array} + \begin{array}{c} \text{Heart Eyes} \\ \text{Heart Eyes} \end{array} = 10$$

$$\begin{array}{c} \text{Cry} \\ \text{Cry} \end{array} + \begin{array}{c} \text{Heart Eyes} \\ \text{Heart Eyes} \end{array} = 6$$

$$\begin{array}{c} \text{Cry} \\ \text{Cry} \end{array} + \begin{array}{c} \text{Sunglasses} \\ \text{Sunglasses} \end{array} = 4$$

$$\begin{array}{c} \text{Heart Eyes} \\ \text{Heart Eyes} \end{array} + \begin{array}{c} \text{Sunglasses} \\ \text{Sunglasses} \end{array} = ?$$

Puzzle 15

$$\begin{array}{c} \text{Beet} \\ \text{Beet} \end{array} + \begin{array}{c} \text{Carrot} \\ \text{Carrot} \end{array} = 9$$

$$\begin{array}{c} \text{Avocado} \\ \text{Avocado} \end{array} + \begin{array}{c} \text{Beet} \\ \text{Beet} \end{array} = 6$$

$$\begin{array}{c} \text{Avocado} \\ \text{Avocado} \end{array} + \begin{array}{c} \text{Avocado} \\ \text{Avocado} \end{array} = 2$$

$$\begin{array}{c} \text{Carrot} \\ \text{Carrot} \end{array} + \begin{array}{c} \text{Avocado} \\ \text{Avocado} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 16

$$\begin{array}{c} \text{Robot} \\ + \\ \text{Robot} \end{array} = 6$$

$$\begin{array}{c} \text{Robot} \\ + \\ \text{Robot} \end{array} = 8$$

$$\begin{array}{c} \text{Robot} \\ + \\ \text{Robot} \end{array} = 6$$

$$\begin{array}{c} \text{Robot} \\ + \\ \text{Robot} \end{array} = ?$$

Puzzle 17

$$\begin{array}{c} \text{Pumpkin} \\ + \\ \text{Pumpkin} \end{array} = 6$$

$$\begin{array}{c} \text{Pumpkin} \\ + \\ \text{Cat} \end{array} = 5$$

$$\begin{array}{c} \text{Ghost} \\ + \\ \text{Cat} \end{array} = 3$$

$$\begin{array}{c} \text{Ghost} \\ + \\ \text{Pumpkin} \end{array} = ?$$

Puzzle 18

$$\begin{array}{c} \text{Ice Cream} \\ + \\ \text{Ice Cream} \end{array} = 6$$

$$\begin{array}{c} \text{Ice Cream} \\ + \\ \text{Ice Cream} \end{array} = 4$$

$$\begin{array}{c} \text{Ice Cream} \\ + \\ \text{Ice Cream} \end{array} = 10$$

$$\begin{array}{c} \text{Ice Cream} \\ + \\ \text{Ice Cream} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 19

$$\begin{array}{c} \text{Game controller} \\ + \\ \text{Pac-Man} \end{array} = 10$$

$$\begin{array}{c} \text{Game controller} \\ + \\ \text{Game controller} \end{array} = 8$$

$$\begin{array}{c} \text{Smartphone} \\ + \\ \text{Pac-Man} \end{array} = 9$$

$$\begin{array}{c} \text{Game controller} \\ + \\ \text{Smartphone} \end{array} = ?$$

Puzzle 20

$$\begin{array}{c} \text{Soccer goal} \\ + \\ \text{Soccer goal} \end{array} = 10$$

$$\begin{array}{c} \text{Soccer goal} \\ + \\ \text{Tennis racket} \end{array} = 7$$

$$\begin{array}{c} \text{Baseball bat} \\ + \\ \text{Tennis racket} \end{array} = 5$$

$$\begin{array}{c} \text{Soccer goal} \\ + \\ \text{Baseball bat} \end{array} = ?$$

Puzzle 21

$$\begin{array}{c} \text{Student} \\ + \\ \text{Student} \end{array} = 6$$

$$\begin{array}{c} \text{Police officer} \\ + \\ \text{Student} \end{array} = 7$$

$$\begin{array}{c} \text{Robot} \\ + \\ \text{Police officer} \end{array} = 8$$

$$\begin{array}{c} \text{Student} \\ + \\ \text{Robot} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 22

$$\begin{array}{c} \text{Pizza} \\ + \\ \text{Drink} \end{array} = 8$$

$$\begin{array}{c} \text{Noodles} \\ + \\ \text{Drink} \end{array} = 5$$

$$\begin{array}{c} \text{Noodles} \\ + \\ \text{Noodles} \end{array} = 4$$

$$\begin{array}{c} \text{Noodles} \\ + \\ \text{Pizza} \end{array} = ?$$

Puzzle 23

$$\begin{array}{c} \text{Bear Hat} \\ + \\ \text{Bear Hat} \end{array} = 4$$

$$\begin{array}{c} \text{Winter Hat} \\ + \\ \text{Bear Hat} \end{array} = 9$$

$$\begin{array}{c} \text{Winter Hat} \\ + \\ \text{Reindeer Hat} \end{array} = 10$$

$$\begin{array}{c} \text{Bear Hat} \\ + \\ \text{Reindeer Hat} \end{array} = ?$$

Puzzle 24

$$\begin{array}{c} \text{Card} \\ + \\ \text{Card} \end{array} = 10$$

$$\begin{array}{c} \text{String of lights} \\ + \\ \text{Card} \end{array} = 7$$

$$\begin{array}{c} \text{String of lights} \\ + \\ \text{Hot Air Balloon} \end{array} = 6$$

$$\begin{array}{c} \text{Card} \\ + \\ \text{Hot Air Balloon} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 25

$$\text{pig} + \text{pig} = 6$$

$$\text{chameleon} + \text{sheep} = 9$$

$$\text{sheep} + \text{pig} = 7$$

$$\text{chameleon} + \text{pig} = ?$$

Puzzle 26

$$10 = \text{flower} + \text{flower}$$

$$9 = \text{flower} + \text{wave}$$

$$7 = \text{whale} + \text{wave}$$

$$? = \text{flower} + \text{whale}$$

Puzzle 27

$$4 = \text{lemon} + \text{lemon}$$

$$3 = \text{lemon} + \text{watermelon}$$

$$5 = \text{apple} + \text{watermelon}$$

$$? = \text{lemon} + \text{apple}$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 28

$$8 = \text{rocket} + \text{rocket}$$

$$5 = \text{planet} + \text{alien}$$

$$7 = \text{rocket} + \text{planet}$$

$$? = \text{alien} + \text{rocket}$$

Puzzle 29

$$2 = \text{sun} + \text{sun} = 10$$

$$8 = \text{rainbow} + \text{sun}$$

$$3 = \text{potted flowers} + \text{rainbow} = 4$$

$$? = \text{sun} + \text{potted flowers}$$

Puzzle 30

$$8 = \text{donut} + \text{donut}$$

$$3 = \text{cake} + \text{donut} = 7$$

$$5 = \text{cookie} + \text{cake}$$

$$4 = \text{cookie} + \text{donut} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 31

$$\begin{array}{r} \text{airplane} \\ + \text{airplane} \\ \hline 14 \end{array}$$

$$\begin{array}{r} \text{airplane} \\ - \text{boat} \\ \hline 4 \end{array}$$

$$\begin{array}{r} \text{train} \\ + \text{boat} \\ \hline 5 \end{array}$$

$$\begin{array}{r} \text{airplane} \\ + \text{train} \\ \hline ? \end{array}$$

Puzzle 32

$$\begin{array}{r} \text{soccer ball} \\ + \text{soccer ball} \\ \hline 6 \end{array}$$

$$\begin{array}{r} \text{baseball} \\ - \text{soccer ball} \\ \hline 1 \end{array}$$

$$\begin{array}{r} \text{baseball} \\ + \text{bowling ball} \\ \hline 10 \end{array}$$

$$\begin{array}{r} \text{bowling ball} \\ + \text{soccer ball} \\ \hline ? \end{array}$$

Puzzle 33

$$\begin{array}{r} \text{compass} \\ + \text{compass} \\ \hline 14 \end{array}$$

$$\begin{array}{r} \text{compass} \\ + \text{tent} \\ \hline 15 \end{array}$$

$$\begin{array}{r} \text{campfire} \\ + \text{tent} \\ \hline 11 \end{array}$$

$$\begin{array}{r} \text{campfire} \\ + \text{compass} \\ \hline ? \end{array}$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 34

$$\text{Tea Cup} + \text{Tea Cup} = 16$$

$$\text{Bread} + \text{Tea Cup} = 14$$

$$\text{Egg} - \text{Bread} = 4$$

$$\text{Tea Cup} + \text{Egg} = ?$$

Puzzle 35

$$\text{Shoe} + \text{Shoe} = 10$$

$$\text{Cap} + \text{Shoe} = 12$$

$$\text{Cap} - \text{T-shirt} = 3$$

$$\text{Shoe} - \text{T-shirt} = ?$$

Puzzle 36

$$\text{Airplane} + \text{Airplane} = 12$$

$$\text{Taxi} + \text{Airplane} = 14$$

$$\text{Taxi} + \text{Truck} = 18$$

$$\text{Truck} - \text{Airplane} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 37

$$\text{Crab} + \text{Crab} = 18$$

$$\text{Turtle} + \text{Crab} = 19$$

$$\text{Boat} + \text{Turtle} = 17$$

$$\text{Boat} + \text{Crab} = ?$$

Puzzle 38

$$\text{Smiley Face} + \text{Smiley Face} = 14$$

$$\text{Smiley Face} - \text{Sad Face} = 4$$

$$\text{Grimy Face} + \text{Sad Face} = 9$$

$$\text{Smiley Face} + \text{Grimy Face} = ?$$

Puzzle 39

$$\text{Watermelon Slices} + \text{Watermelon Slices} = 16$$

$$\text{Kiwi} + \text{Watermelon Slices} = 18$$

$$\text{Kiwi} + \text{Pear} = 15$$

$$\text{Watermelon Slices} + \text{Pear} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 40

$$\begin{array}{c} \text{ghost} \\ + \\ \text{ghost} \end{array} = 10$$

$$\begin{array}{c} \text{ghost} \\ + \\ \text{dragon} \end{array} = 13$$

$$\begin{array}{c} \text{dragon} \\ - \\ \text{wizard} \end{array} = 2$$

$$\begin{array}{c} \text{wizard} \\ - \\ \text{ghost} \end{array} = ?$$

Puzzle 41

$$\begin{array}{c} \text{castle} \\ + \\ \text{castle} \end{array} = 14$$

$$\begin{array}{c} \text{island} \\ - \\ \text{castle} \end{array} = 1$$

$$\begin{array}{c} \text{flip flops} \\ + \\ \text{island} \end{array} = 17$$

$$\begin{array}{c} \text{flip flops} \\ + \\ \text{castle} \end{array} = ?$$

Puzzle 42

$$\begin{array}{c} \text{smoothie} \\ + \\ \text{smoothie} \end{array} = 4$$

$$\begin{array}{c} \text{ice cream} \\ + \\ \text{smoothie} \end{array} = 7$$

$$\begin{array}{c} \text{ice cream} \\ + \\ \text{popsicle} \end{array} = 17$$

$$\begin{array}{c} \text{popsicle} \\ - \\ \text{smoothie} \end{array} = ?$$

PUZZLES 43-60

DIFFICULTY LEVEL: PINK (GRADES 1-2)

FOCUS

-SINGLE & DOUBLE-DIGIT
ADDITION & SUBTRACTION (UP TO 20)



Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 43

$$\begin{array}{ccc} \text{teddy bear} & + & \text{teddy bear} \\ \text{+} & & = 6 \end{array}$$

$$\begin{array}{ccc} \text{lego blocks} & - & \text{teddy bear} \\ \text{-} & & = 6 \end{array}$$

$$\begin{array}{ccc} \text{lego blocks} & + & \text{car} \\ \text{+} & & = 16 \end{array}$$

$$\begin{array}{ccc} \text{teddy bear} & + & \text{car} \\ \text{+} & & = ? \end{array}$$

Puzzle 44

$$\begin{array}{ccc} \text{hockey stick} & + & \text{hockey stick} \\ \text{+} & & = 10 \end{array}$$

$$\begin{array}{ccc} \text{hockey stick} & + & \text{hockey puck} \\ \text{+} & & = 19 \end{array}$$

$$\begin{array}{ccc} \text{hockey puck} & - & \text{hockey player} \\ \text{-} & & = 11 \end{array}$$

$$\begin{array}{ccc} \text{hockey stick} & + & \text{hockey player} \\ \text{+} & & = ? \end{array}$$

Puzzle 45

$$\begin{array}{ccc} \text{girl with glasses} & + & \text{girl with glasses} \\ \text{+} & & = 4 \end{array}$$

$$\begin{array}{ccc} \text{girl with glasses} & + & \text{girl with glasses} \\ \text{+} & & = 13 \end{array}$$

$$\begin{array}{ccc} \text{girl with headphones} & - & \text{girl with glasses} \\ \text{-} & & = 2 \end{array}$$

$$\begin{array}{ccc} \text{girl with headphones} & - & \text{girl with glasses} \\ \text{-} & & = ? \end{array}$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 46

$$\begin{array}{r} \text{Hamburger} \\ + \text{Hamburger} \\ \hline 4 \end{array}$$

$$\begin{array}{r} \text{Bottle and Tomato} \\ - \text{Hamburger} \\ \hline 8 \end{array}$$

$$\begin{array}{r} \text{Bottle and Tomato} \\ + \text{Cheese} \\ \hline 17 \end{array}$$

$$\begin{array}{r} \text{Cheese} \\ + \text{Hamburger} \\ \hline ? \end{array}$$

Puzzle 47

$$\begin{array}{r} \text{Jacket} \\ + \text{Shorts} \\ \hline 17 \end{array}$$

$$\begin{array}{r} \text{Jacket} \\ + \text{Jacket} \\ \hline 18 \end{array}$$

$$\begin{array}{r} \text{Shorts} \\ + \text{Shoe} \\ \hline 19 \end{array}$$

$$\begin{array}{r} \text{Shoe} \\ - \text{Jacket} \\ \hline ? \end{array}$$

Puzzle 48

$$\begin{array}{r} \text{Dryer} \\ + \text{Phone} \\ \hline 13 \end{array}$$

$$\begin{array}{r} \text{Phone} \\ + \text{Phone} \\ \hline 12 \end{array}$$

$$\begin{array}{r} \text{Phone} \\ - \text{Dryer} \\ \hline 3 \end{array}$$

$$\begin{array}{r} \text{Dryer} \\ + \text{Dryer} \\ \hline ? \end{array}$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 49

$$\text{owl} + \text{owl} = 2$$

$$\text{fox} + \text{pig} = 17$$

$$\text{fox} - \text{owl} = 13$$

$$\text{owl} + \text{pig} = ?$$

Puzzle 50

$$\text{book} + \text{book} = 16$$

$$\text{pencil} + \text{lightbulb} = 13$$

$$\text{lightbulb} - \text{book} = 2$$

$$\text{pencil} + \text{book} = ?$$

Puzzle 51

$$\text{apple} + \text{apple} = 18$$

$$\text{apple} - \text{apple} = 4$$

$$\text{apple} + \text{lemon} = 15$$

$$\text{apple} - \text{lemon} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 52

$$\begin{array}{c} \text{Yellow planet with 2 people} \\ + \\ \text{Yellow planet with 2 people} \end{array} = 14$$

$$\begin{array}{c} \text{Green alien head} \\ - \\ \text{Yellow planet with 2 people} \end{array} = 6$$

$$\begin{array}{c} \text{Blue and red alien ship} \\ + \\ \text{Green alien head} \end{array} = 19$$

$$\begin{array}{c} \text{Blue and red alien ship} \\ + \\ \text{Yellow planet with 2 people} \end{array} = ?$$

Puzzle 53

$$\begin{array}{c} \text{Cloud with lightning} \\ + \\ \text{Cloud with lightning} \end{array} = 8$$

$$\begin{array}{c} \text{Two blue raindrops} \\ + \\ \text{Cloud with lightning} \end{array} = 18$$

$$\begin{array}{c} \text{Two blue raindrops} \\ - \\ \text{Cloud with lightning} \end{array} = 4$$

$$\begin{array}{c} \text{Cloud with lightning} \\ - \\ \text{Cloud with lightning} \end{array} = ?$$

Puzzle 54

$$\begin{array}{c} \text{Purple diamond ring} \\ + \\ \text{Purple diamond ring} \end{array} = 10$$

$$\begin{array}{c} \text{Lollipop} \\ + \\ \text{Purple diamond ring} \end{array} = 17$$

$$\begin{array}{c} \text{Lollipop} \\ - \\ \text{Two green and purple candies} \end{array} = 3$$

$$\begin{array}{c} \text{Two green and purple candies} \\ + \\ \text{Purple diamond ring} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 55

$$\begin{array}{c} \text{Knight} \\ + \\ \text{Knight} \end{array} = 4$$

$$\begin{array}{c} \text{Cannon} \\ + \\ \text{Knight} \end{array} = 19$$

$$\begin{array}{c} \text{Castle} \\ - \\ \text{Cannon} \end{array} = 1$$

$$\begin{array}{c} \text{Castle} \\ - \\ \text{Knight} \end{array} = ?$$

Puzzle 56

$$20 = \begin{array}{c} \text{Cap} \\ \text{Ball} \end{array} + \begin{array}{c} \text{Cap} \\ \text{Ball} \end{array}$$

$$16 = \begin{array}{c} \text{Stadium} \end{array} + \begin{array}{c} \text{Cap} \\ \text{Ball} \end{array}$$

$$13 = \begin{array}{c} \text{Glove} \\ \text{Ball} \end{array} - \begin{array}{c} \text{Stadium} \end{array}$$

$$? = \begin{array}{c} \text{Glove} \\ \text{Ball} \end{array} - \begin{array}{c} \text{Cap} \\ \text{Ball} \end{array}$$

Puzzle 57

$$2 = \begin{array}{c} \text{Boy} \\ \text{Bubble} \end{array} + \begin{array}{c} \text{Boy} \\ \text{Bubble} \end{array}$$

$$13 = \begin{array}{c} \text{Boy} \\ \text{Bubble} \end{array} + \begin{array}{c} \text{Boy} \\ \text{Bubble} \end{array}$$

$$18 = \begin{array}{c} \text{Boy} \\ \text{Bubble} \end{array} + \begin{array}{c} \text{Boy} \\ \text{Bubble} \end{array}$$

$$? = \begin{array}{c} \text{Boy} \\ \text{Bubble} \end{array} - \begin{array}{c} \text{Boy} \\ \text{Bubble} \end{array}$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 58

$$6 = \text{cauldron} + \text{cauldron}$$

$$13 = \text{chili} - \text{cauldron}$$

$$20 = \text{chili} + \text{ice cream}$$

$$? = \text{cauldron} + \text{ice cream}$$

Puzzle 59

$$\text{shirt} + \text{shirt} = 14$$

$$13 = \text{shirt} + \text{suitcase}$$

$$\text{suitcase} - \text{glasses} = 1$$

$$? = \text{shirt} + \text{glasses}$$

Puzzle 60

$$20 = \text{balloons} + \text{balloons}$$

$$\text{balloons} + \text{popcorn} = 13$$

$$10 = \text{tent} - \text{popcorn}$$

$$\text{tent} - \text{balloons} = ?$$

PUZZLES 61-90

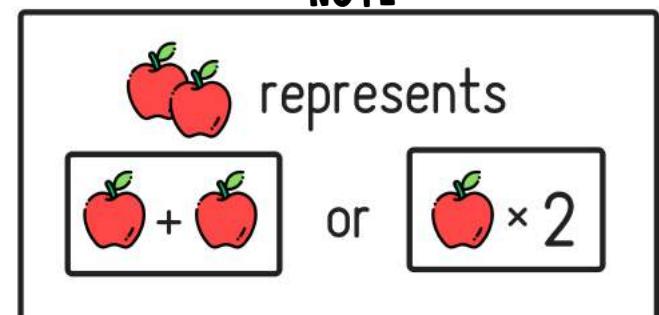
DIFFICULTY LEVEL: PINK (1-2) / BLUE (3-4)

FOCUS

- DOUBLE-DIGIT ADDITION AND SUBTRACTION
(UP TO 50)
- BASIC MULTIPLICATION AND DIVISION



NOTE



Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 61

$$\begin{array}{r} \text{Stegosaurus} \\ + \\ \text{Stegosaurus} \end{array} = 14$$

$$\begin{array}{r} \text{Brachiosaurus} \\ - \\ \text{Stegosaurus} \end{array} = 3$$

$$\begin{array}{r} \text{Brachiosaurus} \\ + \\ \text{T-Rex} \end{array} = 12$$

$$\begin{array}{r} \text{Stegosaurus} \\ + \\ \text{T-Rex} \end{array} = ?$$

Puzzle 62

$$\begin{array}{r} \text{Smartphone} \\ + \\ \text{Smartphone} \end{array} = 16$$

$$\begin{array}{r} \text{Smartphone} \\ + \\ \text{Battery} \end{array} = 18$$

$$\begin{array}{r} \text{Battery} \\ - \\ \text{Hourglass} \end{array} = 6$$

$$\begin{array}{r} \text{Hourglass} \\ + \\ \text{Smartphone} \end{array} = ?$$

Puzzle 63

$$\begin{array}{r} \text{Corn} \\ + \\ \text{Corn} \end{array} = 10$$

$$\begin{array}{r} \text{Carrot} \\ + \\ \text{Corn} \end{array} = 15$$

$$\begin{array}{r} \text{Purple Yam} \\ + \\ \text{Carrot} \end{array} = 11$$

$$\begin{array}{r} \text{Purple Yam} \\ + \\ \text{Corn} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 64

$$\begin{array}{c} \text{Frankenstein} \\ + \\ \text{Frankenstein} \end{array} = 18$$

$$\begin{array}{c} \text{Mummy} \\ + \\ \text{Frankenstein} \end{array} = 20$$

$$\begin{array}{c} \text{Santa} \\ + \\ \text{Mummy} \end{array} = 19$$

$$\begin{array}{c} \text{Frankenstein} \\ + \\ \text{Santa} \end{array} = ?$$

Puzzle 65

$$\begin{array}{c} \text{Excavator} \\ + \\ \text{Excavator} \end{array} = 6$$

$$\begin{array}{c} \text{Excavator} \\ + \\ \text{Tree} \end{array} = 13$$

$$\begin{array}{c} \text{Tree} \\ + \\ \text{Snowman} \end{array} = 15$$

$$\begin{array}{c} \text{Snowmen} \\ - \\ \text{Excavator} \end{array} = ?$$

Puzzle 66

$$\begin{array}{c} \text{Ice Cream} \\ + \\ \text{Ice Cream} \end{array} = 20$$

$$\begin{array}{c} \text{Ice Cream} \\ + \\ \text{Smoothie} \end{array} = 17$$

$$\begin{array}{c} \text{Smoothie} \\ + \\ \text{Smoothie} \end{array} = 11$$

$$\begin{array}{c} \text{Ice Cream} \\ - \\ \text{Smoothie} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 67

$$\text{Skull Coin} + \text{Skull Coin} = 12$$

$$\text{Skull Coin} - \text{Pirate Hat} = 4$$

$$\text{Pirate Hat} + \text{Shipwreck} = 10$$

$$\text{Skull Coin} + \text{Shipwreck} = ?$$

Puzzle 68

$$\text{Glove} + \text{Glove} = 20$$

$$\text{Glove} - \text{Soccer Cleat} = 4$$

$$\text{Soccer Cleat} + \text{Soccer Ball} = 17$$

$$\text{Soccer Ball} + \text{Gloves} = ?$$

Puzzle 69

$$\text{Cactus} + \text{Cactus} = 12$$

$$\text{Armadillo} - \text{Cactus} = 1$$

$$\text{Palm Tree} + \text{Armadillo} = 20$$

$$\text{Palm Tree} + \text{Cactus} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 70

$$\begin{array}{c} \text{Slice of pizza} \\ + \\ \text{Slice of pizza} \end{array} = 16$$

$$\begin{array}{c} \text{Slice of pizza} \\ - \\ \text{Hotdog} \end{array} = 5$$

$$\begin{array}{c} \text{Hotdog} \\ + \\ \text{Hamburger} \end{array} = 12$$

$$\begin{array}{c} \text{Hamburgers} \\ + \\ \text{Slice of pizza} \end{array} = ?$$

Puzzle 71

$$\begin{array}{c} \text{Party hat} \\ + \\ \text{Party hat} \end{array} = 12$$

$$\begin{array}{c} \text{Record player} \\ + \\ \text{Party hat} \end{array} = 16$$

$$\begin{array}{c} \text{Record player} \\ + \\ \text{Disco ball} \end{array} = 21$$

$$\begin{array}{c} \text{Disco balls} \\ - \\ \text{Party hat} \end{array} = ?$$

Puzzle 72

$$\begin{array}{c} \text{Money in wallet} \\ + \\ \text{Money in wallet} \end{array} = 22$$

$$\begin{array}{c} \text{Piggy bank} \\ + \\ \text{Money in wallet} \end{array} = 19$$

$$\begin{array}{c} \text{Safe} \\ - \\ \text{Piggy bank} \end{array} = 1$$

$$\begin{array}{c} \text{Two safes} \\ - \\ \text{Money in wallet} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 73

$$\begin{array}{c} \text{goat} \\ + \\ \text{goat} \end{array} = 18$$

$$\begin{array}{c} \text{goat} \\ - \\ \text{llama} \end{array} = 3$$

$$\begin{array}{c} \text{llama} \\ + \\ \text{tiger} \end{array} = 20$$

$$\begin{array}{c} \text{tiger} \\ + \\ \text{goat} \end{array} = ?$$

Puzzle 74

$$\begin{array}{c} \text{heart} \\ + \\ \text{heart} \end{array} = 24$$

$$\begin{array}{c} \text{heart} \\ - \\ \text{recycling symbol} \end{array} = 7$$

$$\begin{array}{c} \text{recycling symbol} \\ + \\ \text{up arrow symbol} \end{array} = 8$$

$$\begin{array}{c} \text{up arrow symbol} \\ + \\ \text{heart} \end{array} = ?$$

Puzzle 75

$$\begin{array}{c} \text{broccoli} \\ + \\ \text{broccoli} \end{array} = 10$$

$$\begin{array}{c} \text{broccoli} \\ + \\ \text{onion} \end{array} = 11$$

$$\begin{array}{c} \text{onion} \\ + \\ \text{tomato} \end{array} = 16$$

$$\begin{array}{c} \text{tomato} \\ - \\ \text{broccoli} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 76

$$\begin{array}{ccc} \text{Game Boy} & + & \text{Game Boy} \\ \text{Game Boy} & + & \text{Game Boy} \end{array} = 18$$

$$\begin{array}{ccc} \text{Robot} & - & \text{Game Boy} \\ \text{Robot} & - & \text{Game Boy} \end{array} = 3$$

$$\begin{array}{ccc} \text{Puzzle} & + & \text{Robot} \\ \text{Puzzle} & + & \text{Robot} \end{array} = 19$$

$$\begin{array}{ccc} \text{Game Boy} & - & \text{Puzzle} \\ \text{Game Boy} & - & \text{Puzzle} \end{array} = ?$$

Puzzle 77

$$\begin{array}{ccc} \text{Flowers} & + & \text{Flowers} \\ \text{Flowers} & + & \text{Flowers} \end{array} = 20$$

$$\begin{array}{ccc} \text{Bonsai} & - & \text{Flowers} \\ \text{Bonsai} & - & \text{Flowers} \end{array} = 4$$

$$\begin{array}{ccc} \text{Bonsai} & + & \text{Plant} \\ \text{Bonsai} & + & \text{Plant} \end{array} = 20$$

$$\begin{array}{ccc} \text{Plants} & - & \text{Flowers} \\ \text{Plants} & - & \text{Flowers} \end{array} = ?$$

Puzzle 78

$$\begin{array}{ccc} \text{Chocolate Bar} & + & \text{Chocolate Bar} \\ \text{Chocolate Bar} & + & \text{Chocolate Bar} \end{array} = 24$$

$$\begin{array}{ccc} \text{Pie} & + & \text{Cake} \\ \text{Pie} & + & \text{Cake} \end{array} = 18$$

$$\begin{array}{ccc} \text{Pie} & - & \text{Chocolate Bar} \\ \text{Pie} & - & \text{Chocolate Bar} \end{array} = 3$$

$$\begin{array}{ccc} \text{Chocolate Bar} & + & \text{Cakes} \\ \text{Chocolate Bar} & + & \text{Cakes} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 79

$$\begin{array}{r} \text{Controller} \\ - \end{array} \quad \begin{array}{r} \text{Camera} \\ = \end{array} \quad 8$$

$$\begin{array}{r} \text{Controller} \\ + \end{array} \quad \begin{array}{r} \text{Controller} \\ = \end{array} \quad 22$$

$$\begin{array}{r} \text{Camera} \\ + \end{array} \quad \begin{array}{r} \text{Game Boy} \\ = \end{array} \quad 23$$

$$\begin{array}{r} \text{Controller} \\ - \end{array} \quad \begin{array}{r} \text{Game Boy} \\ = \end{array} \quad ?$$

Puzzle 80

$$\begin{array}{r} \text{Basketball Hoop} \\ - \end{array} \quad \begin{array}{r} \text{Shoe} \\ = \end{array} \quad 19$$

$$\begin{array}{r} \text{Basketball Hoop} \\ + \end{array} \quad \begin{array}{r} \text{Basketball} \\ = \end{array} \quad 28$$

$$\begin{array}{r} \text{Basketball} \\ + \end{array} \quad \begin{array}{r} \text{Basketball} \\ = \end{array} \quad 16$$

$$\begin{array}{r} \text{Basketballs} \\ - \end{array} \quad \begin{array}{r} \text{Shoe} \\ = \end{array} \quad ?$$

Puzzle 81

$$\begin{array}{r} \text{Person A} \\ + \end{array} \quad \begin{array}{r} \text{Person B} \\ = \end{array} \quad 13$$

$$\begin{array}{r} \text{Person A} \\ + \end{array} \quad \begin{array}{r} \text{Monkey} \\ = \end{array} \quad 16$$

$$\begin{array}{r} \text{Monkey} \\ + \end{array} \quad \begin{array}{r} \text{Monkey} \\ = \end{array} \quad 20$$

$$\begin{array}{r} \text{Person A} \\ - \end{array} \quad \begin{array}{r} \text{Monkey} \\ = \end{array} \quad ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 82

$$\begin{array}{c} \text{Bowl of ramen} \\ + \\ \text{Bowl of ramen} \end{array} = 16$$

$$\begin{array}{c} \text{Bowl of nachos} \\ - \\ \text{Hamburger} \end{array} = 9$$

$$\begin{array}{c} \text{Hamburger} \\ + \\ \text{Bowl of ramen} \end{array} = 19$$

$$\begin{array}{c} \text{Bowl of nachos} \\ - \\ \text{Bowl of ramen} \end{array} = ?$$

Puzzle 83

$$\begin{array}{c} \text{Green high-top sneaker} \\ + \\ \text{Brown high-top sneaker} \end{array} = 15$$

$$\begin{array}{c} \text{Green high-top sneaker} \\ + \\ \text{Green high-top sneaker} \end{array} = 18$$

$$\begin{array}{c} \text{Brown high-top sneaker} \\ - \\ \text{Red low-top sneaker} \end{array} = 1$$

$$\begin{array}{c} \text{Green high-top sneaker} \\ + \\ \text{Red low-top sneaker} \end{array} = ?$$

Puzzle 84

$$\begin{array}{c} \text{Color wheel} \\ + \\ \text{Color wheel} \end{array} = 12$$

$$\begin{array}{c} \text{Color wheel} \\ + \\ \text{Orange cube} \end{array} = 16$$

$$\begin{array}{c} \text{Orange cube} \\ + \\ \text{Pencil holder} \end{array} = 23$$

$$\begin{array}{c} \text{Pencil holder} \\ - \\ \text{Color wheel} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 85

$$\begin{array}{c} \text{crab} \\ + \\ \text{fish} \end{array} = 18$$

$$\begin{array}{c} \text{crab} \\ + \\ \text{fish} \end{array} = 16$$

$$\begin{array}{c} \text{fish} \\ + \\ \text{fish} \end{array} = 18$$

$$\begin{array}{c} \text{fish} \\ - \\ \text{fish} \end{array} = ?$$

Puzzle 86

$$12 = \begin{array}{c} \text{mailbox} \\ + \\ \text{mailbox} \end{array}$$

$$18 = \begin{array}{c} \text{mailbox} \\ + \\ \text{tv} \end{array}$$

$$3 = \begin{array}{c} \text{tv} \\ - \\ \text{satellite dish} \end{array}$$

$$? = \begin{array}{c} \text{satellite dish} \\ + \\ \text{mailboxes} \end{array}$$

Puzzle 87

$$22 = \begin{array}{c} \text{coconut juice} \\ + \\ \text{coconut juice} \end{array}$$

$$4 = \begin{array}{c} \text{cake} \\ - \\ \text{coconut juice} \end{array}$$

$$21 = \begin{array}{c} \text{smoothie} \\ + \\ \text{cake} \end{array}$$

$$? = \begin{array}{c} \text{coconut juice} \\ - \\ \text{smoothie} \end{array}$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 88

$$18 = \text{Mummy} + \text{Mummy}$$

$$19 = \text{Mummy} + \text{Vampire}$$

$$1 = \text{Zombie} - \text{Vampire}$$

$$? = \text{Zombie} - \text{Mummy}$$

Puzzle 89

$$\text{Sun} + \text{Sun} = 20$$

$$7 = \text{Chair} - \text{Sun}$$

$$\text{Chair} + \text{Shorts} = 20$$

$$? = \text{Sun} + \text{Sun} - \text{Shorts}$$

Puzzle 90

$$24 = \text{Lime} + \text{Lime}$$

$$\text{Skewer} - \text{Lime} = 3$$

$$23 = \text{Gummy Bear} + \text{Skewer}$$

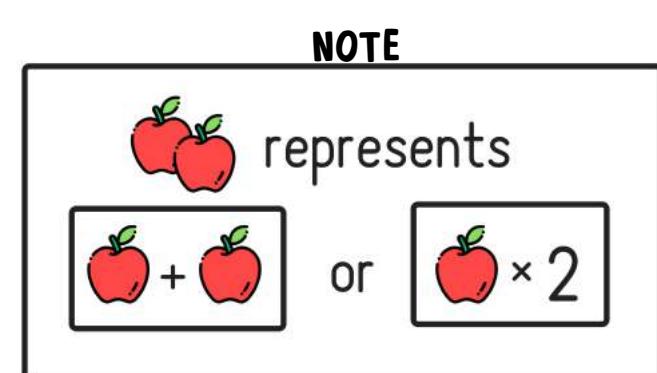
$$\text{Gummy Bears} - \text{Lime} = ?$$

PUZZLES 91-120

DIFFICULTY LEVEL: **BLUE (3-4)**

FOCUS

**-INTERMEDIATE DOUBLE-DIGIT ADDITION, SUBTRACTION,
MULTIPLICATION, AND DIVISION (UP TO 100)**



Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 91

$$\text{wave} \times \text{wave} = 4$$

$$\text{wave} + \text{shark} = 12$$

$$\text{shark} - \text{shell} = 3$$

$$\text{shell} + \text{wave} = ?$$

Puzzle 92

$$\text{ping-pong paddle} \times \text{ping-pong paddle} = 9$$

$$\text{target} + \text{ping-pong paddle} = 20$$

$$\text{target} - \text{volleyball} = 1$$

$$\text{ping-pong paddle} + \text{volleyball} = ?$$

Puzzle 93

$$\text{temple} \times \text{temple} = 16$$

$$\text{temple} - \text{skyscraper} = 3$$

$$\text{lighthouse} - \text{skyscraper} = 21$$

$$\text{lighthouse} + \text{temple} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 94

$$\text{fish} \times \text{fish} = 25$$

$$\text{fish} + \text{steak} = 15$$

$$\text{bottle} - \text{steak} = 12$$

$$\text{bottle} - \text{fish} = ?$$

Puzzle 95

$$\text{jacket} \times \text{jacket} = 100$$

$$\text{jacket} - \text{sweatshirt} = 4$$

$$\text{sweatshirt} - \text{grid shirt} = 4$$

$$\text{jacket} + \text{grid shirt} = ?$$

Puzzle 96

$$\text{drum} \times \text{drum} = 49$$

$$\text{drum} + \text{trumpet} = 20$$

$$\text{guitar} - \text{trumpet} = 12$$

$$\text{guitar} - \text{drum} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 97

$$\begin{array}{c} \text{duck} \\ + \\ \text{duck} \end{array} = 20$$

$$\begin{array}{c} \text{turtle} \\ + \\ \text{duck} \end{array} = 16$$

$$\begin{array}{c} \text{snake} \\ \times \\ \text{turtle} \end{array} = 18$$

$$\begin{array}{c} \text{duck} \\ + \\ \text{snake} \end{array} = ?$$

Puzzle 98

$$\begin{array}{c} \text{Earth} \\ + \\ \text{Earth} \end{array} = 16$$

$$\begin{array}{c} \text{sun} \\ \times \\ \text{Earth} \end{array} = 72$$

$$\begin{array}{c} \text{sun} \\ + \\ \text{moon} \end{array} = 30$$

$$\begin{array}{c} \text{moon} \\ + \\ \text{Earth} \end{array} = ?$$

Puzzle 99

$$\begin{array}{c} \text{watermelon} \\ \times \\ \text{watermelon} \end{array} = 64$$

$$\begin{array}{c} \text{watermelon} \\ - \\ \text{cherries} \end{array} = 3$$

$$\begin{array}{c} \text{cherries} \\ + \\ \text{blueberries} \end{array} = 18$$

$$\begin{array}{c} \text{blueberries} \\ + \\ \text{watermelons} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 100

$$\begin{array}{c} \text{Pirate} \\ \times \end{array} \begin{array}{c} \text{Pirate} \end{array} = 81$$

$$\begin{array}{c} \text{Pirate} \\ + \end{array} \begin{array}{c} \text{Treasure} \end{array} = 25$$

$$\begin{array}{c} \text{Treasure} \\ - \end{array} \begin{array}{c} \text{Rudder} \end{array} = 1$$

$$\begin{array}{c} \text{Pirate} \\ \text{Pirate} \\ - \end{array} \begin{array}{c} \text{Rudder} \end{array} = ?$$

Puzzle 101

$$\begin{array}{c} \text{Tree} \\ \times \end{array} \begin{array}{c} \text{Tree} \end{array} = 144$$

$$\begin{array}{c} \text{Tree} \\ - \end{array} \begin{array}{c} \text{Apple} \end{array} = 9$$

$$\begin{array}{c} \text{Apple} \\ + \end{array} \begin{array}{c} \text{Rainbow} \end{array} = 9$$

$$\begin{array}{c} \text{Rainbow} \\ + \end{array} \begin{array}{c} \text{Tree} \\ \text{Tree} \end{array} = ?$$

Puzzle 102

$$\begin{array}{c} \text{Ice Cream} \\ \times \end{array} \begin{array}{c} \text{Ice Cream} \end{array} = 36$$

$$\begin{array}{c} \text{Ice Cream} \\ + \end{array} \begin{array}{c} \text{Ice Cream} \end{array} = 36$$

$$\begin{array}{c} \text{Ice Cream} \\ - \end{array} \begin{array}{c} \text{Ice Cream} \end{array} = 20$$

$$\begin{array}{c} \text{Ice Cream} \\ \text{Ice Cream} \\ + \end{array} \begin{array}{c} \text{Ice Cream} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 103

$$\text{Penguin} \times \text{Penguin} = 64$$

$$\text{Penguin} + \text{Rubik's Cube} = 19$$

$$\text{Rubik's Cube} - \text{Rocket} = 6$$

$$\text{Rocket} \times \text{Penguin} = ?$$

Puzzle 104

$$\text{Person} + \text{Person} = 12$$

$$\text{Judo Gi} + \text{Person} = 15$$

$$\text{Fist} \times \text{Judo Gi} = 27$$

$$\text{Person} - \text{Fist} = ?$$

Puzzle 105

$$\text{Movie Reel} + \text{Movie Reel} = 10$$

$$\text{Movie Reel} \times \text{Star} = 30$$

$$\text{Popcorn} - \text{Star} = 18$$

$$\text{Popcorn} - \text{Movie Reel} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 106

$$\text{Cup} + \text{Cup} = 18$$

$$\text{Teapot} \times \text{Cup} = 36$$

$$\text{Honey Jar} + \text{Teapot} = 14$$

$$\text{Cup} \times \text{Honey Jar} = ?$$

Puzzle 107

$$\text{Crown} + \text{Crown} = 14$$

$$\text{Crown} \times \text{Hat} = 42$$

$$\text{Viking Hat} + \text{Hat} = 8$$

$$\text{Viking Hat} \times \text{Crown} = ?$$

Puzzle 108

$$\text{Scissors} + \text{Scissors} = 22$$

$$\text{Compass} - \text{Scissors} = 2$$

$$\text{Compass} \times \text{Pencil} = 26$$

$$\text{Scissors} \times \text{Pencils} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 109

$$\text{Fox} + \text{Fox} = 24$$

$$\text{Fox} \times \text{Panda} = 36$$

$$\text{Hamster} - \text{Panda} = 9$$

$$\text{Fox} + \text{Hamster} = ?$$

Puzzle 110

$$\text{Lava Lamp} + \text{Lava Lamp} = 10$$

$$\text{Toilet Paper} - \text{Lava Lamp} = 7$$

$$\text{Anchor} \times \text{Toilet Paper} = 108$$

$$\text{Lava Lamp} + \text{Anchor} = ?$$

Puzzle 111

$$\text{Avocado} + \text{Avocado} = 28$$

$$\text{Broccoli} \times \text{Eggplant} = 48$$

$$\text{Avocado} + \text{Broccoli} = 20$$

$$\text{Eggplant} - \text{Avocado} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 112

$$\begin{array}{r} \text{pink monster} \\ - \\ \text{green monster} \end{array} = 9$$

$$\begin{array}{r} \text{green monster} \\ \times \\ \text{green monster} \end{array} = 25$$

$$\begin{array}{r} \text{purple alien} \\ + \\ \text{pink monster} \end{array} = 25$$

$$\begin{array}{r} \text{green monster} \\ + \\ \text{purple alien} \end{array} = ?$$

Puzzle 113

$$\begin{array}{r} \text{clover} \\ \times \\ \text{clover} \end{array} = 100$$

$$\begin{array}{r} \text{cactus} \\ + \\ \text{bamboo} \end{array} = 30$$

$$\begin{array}{r} \text{bamboo} \\ - \\ \text{clover} \end{array} = 15$$

$$\begin{array}{r} \text{clover} \\ \times \\ \text{cactus} \end{array} = ?$$

Puzzle 114

$$\begin{array}{r} \text{cupcake} \\ - \\ \text{jar of candy} \end{array} = 2$$

$$\begin{array}{r} \text{cupcake} \\ + \\ \text{caramel apple} \end{array} = 16$$

$$\begin{array}{r} \text{caramel apple} \\ \times \\ \text{caramel apple} \end{array} = 100$$

$$\begin{array}{r} \text{jar of candy} \\ + \\ \text{caramel apple} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 115

$$\begin{array}{r} \text{truck} - \text{ship} = 1 \end{array}$$

$$\begin{array}{r} \text{viking} \times \text{viking} = 121 \end{array}$$

$$\begin{array}{r} \text{truck} + \text{viking} = 18 \end{array}$$

$$\begin{array}{r} \text{viking} + \text{ship} = ? \end{array}$$

Puzzle 116

$$16 = \begin{array}{r} \text{tent} \\ + \end{array}$$

$$15 = \begin{array}{r} \text{campfire} \\ + \end{array}$$

$$42 = \begin{array}{r} \text{backpack} \\ \times \end{array}$$

$$\begin{array}{r} ? = \text{tent} \\ + \end{array}$$

Puzzle 117

$$100 = \begin{array}{r} \text{firefighter} \\ \times \end{array}$$

$$19 = \begin{array}{r} \text{firefighter} \\ + \end{array}$$

$$12 = \begin{array}{r} \text{teacher} \\ + \end{array}$$

$$\begin{array}{r} ? = \text{teacher} \\ \times \end{array}$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 118

$$81 = \text{Nachos} \times \text{Nachos}$$

$$21 = \text{Pasta} + \text{Nachos}$$

$$10 = \text{Pasta} - \text{Meat}$$

$$? = \text{Nachos} \times \text{Meat}$$

Puzzle 119

$$\text{Molecule} \times \text{Molecule} = 100$$

$$16 = \text{Molecule} + \text{Test Tubes}$$

$$\text{DNA} + \text{Test Tubes} = 20$$

$$? = \text{Molecule} - \text{DNA}$$

Puzzle 120

$$144 = \text{Bus} \times \text{Bus}$$

$$\text{Hearts} + \text{Bus} = 17$$

$$10 = \text{Bird} - \text{Hearts}$$

$$\text{Buses} - \text{Bird} = ?$$

PUZZLES 121-150

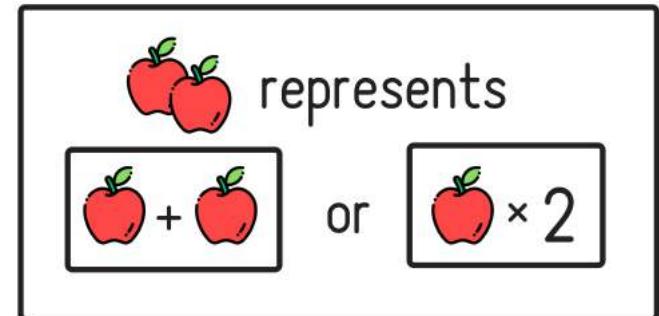
DIFFICULTY LEVEL: **BLUE (3-4)**

FOCUS

- ADVANCED DOUBLE-DIGIT OPERATIONS (UP TO 250)
- APPLICATION OF INVERSE OPERATIONS



NOTE



Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 121

$$\text{Giraffe} \times \text{Giraffe} = 16$$

$$\text{Hedgehog} + \text{Giraffe} = 26$$

$$\text{Hedgehog} \times \text{Caterpillar} = 66$$

$$\text{Giraffe} + \text{Caterpillar} = ?$$

Puzzle 122

$$\text{Sad Face} \times \text{Sad Face} = 36$$

$$\text{Sad Face} + \text{Sad Face} + \text{Ghastly Face} = 20$$

$$\text{Ghastly Face} \times \text{Angry Face} = 56$$

$$\text{Angry Face} + \text{Sad Face} + \text{Sad Face} = ?$$

Puzzle 123

$$\text{Pumpkin} + \text{Pumpkin} = 12$$

$$\text{Turnip} \times \text{Pumpkin} = 48$$

$$\text{Turnip} + \text{Cabbage} = 6$$

$$\text{Pumpkin} - \text{Cabbage} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 124

$$\begin{array}{c} \text{Unicorn} \\ + \end{array} \begin{array}{c} \text{Unicorn} \\ + \end{array} = 20$$

$$\begin{array}{c} \text{Unicorn} \\ \times \end{array} \begin{array}{c} \text{Unicorn} \\ \text{Unicorn} \\ + \end{array} = 120$$

$$\begin{array}{c} \text{Unicorn} \\ + \end{array} \begin{array}{c} \text{Unicorn} \\ \text{Unicorn} \\ + \end{array} = 11$$

$$\begin{array}{c} \text{Unicorn} \\ + \end{array} \begin{array}{c} \text{Unicorn} \\ \text{Unicorn} \\ + \end{array} = ?$$

Puzzle 125

$$\begin{array}{c} \text{Tree} \\ \times \end{array} \begin{array}{c} \text{Tree} \\ \text{Tree} \end{array} = 121$$

$$\begin{array}{c} \text{Tree} \\ + \end{array} \begin{array}{c} \text{Cloud} \\ \text{Cloud} \\ \text{Cloud} \end{array} = 19$$

$$\begin{array}{c} \text{Cloud} \\ \times \end{array} \begin{array}{c} \text{Fireplace} \\ \text{Fire} \end{array} = 24$$

$$\begin{array}{c} \text{Museum} \\ + \end{array} \begin{array}{c} \text{Tree} \\ \text{Tree} \end{array} = ?$$

Puzzle 126

$$\begin{array}{c} \text{Ice Cream} \\ \times \end{array} \begin{array}{c} \text{Ice Cream} \\ \text{Ice Cream} \end{array} = 144$$

$$\begin{array}{c} \text{Ice Cream} \\ + \end{array} \begin{array}{c} \text{Ice Cream} \\ \text{Ice Cream} \\ \text{Ice Cream} \end{array} = 22$$

$$\begin{array}{c} \text{Ice Cream} \\ \times \end{array} \begin{array}{c} \text{Ice Cream} \\ \text{Ice Cream} \end{array} = 50$$

$$\begin{array}{c} \text{Ice Cream} \\ + \end{array} \begin{array}{c} \text{Ice Cream} \\ \text{Ice Cream} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 127

$$\text{Aladdin lamp} \times \text{Aladdin lamp} = 100$$

$$\text{Aladdin lamp} + \text{Magic ball} = 34$$

$$\text{Magic ball} \times \text{Witch's cauldron} = 36$$

$$\text{Aladdin lamp} \times \text{Witch's cauldron} = ?$$

Puzzle 128

$$\text{Ice skates} + \text{Ice skates} = 14$$

$$\text{Ice skates} \times \text{Surfboard} = 56$$

$$\text{Hockey helmet} + \text{Surfboard} = 19$$

$$\text{Ice skates} + \text{Hockey helmet} = ?$$

Puzzle 129

$$\text{Villain 1} \times \text{Villain 1} = 9$$

$$\text{Villain 2} + \text{Villain 3} = 10$$

$$\text{Villain 4} \times \text{Villain 5} = 32$$

$$\text{Villain 6} + \text{Villain 7} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 130

$$\begin{array}{c} \text{Breakfast Plate} \\ \times \end{array} \begin{array}{c} \text{Breakfast Plate} \end{array} = 36$$

$$\begin{array}{c} \text{Breakfast Plate} \\ + \end{array} \begin{array}{c} \text{Bacon Sandwich} \end{array} = 14$$

$$\begin{array}{c} \text{Bacon Sandwich} \\ - \end{array} \begin{array}{c} \text{Cup of Coffee} \end{array} = 11$$

$$\begin{array}{c} \text{Cup of Coffee} \\ \times \end{array} \begin{array}{c} \text{Breakfast Plate} \end{array} = ?$$

Puzzle 131

$$\begin{array}{c} \text{Heart} \\ + \end{array} \begin{array}{c} \text{Heart} \end{array} = 12$$

$$\begin{array}{c} \text{Two Hearts} \\ + \end{array} \begin{array}{c} \text{Rose} \end{array} = 27$$

$$\begin{array}{c} \text{Rose} \\ \times \end{array} \begin{array}{c} \text{Handwritten Note} \end{array} = 30$$

$$\begin{array}{c} \text{Handwritten Note} \\ \times \end{array} \begin{array}{c} \text{Heart} \end{array} = ?$$

Puzzle 132

$$\begin{array}{c} \text{Cat} \\ + \end{array} \begin{array}{c} \text{Cat} \end{array} = 8$$

$$\begin{array}{c} \text{Cat} \\ \times \end{array} \begin{array}{c} \text{Cat} \end{array} = 36$$

$$\begin{array}{c} \text{Cat} \\ + \end{array} \begin{array}{c} \text{Two Cats} \end{array} = 19$$

$$\begin{array}{c} \text{Cat} \\ + \end{array} \begin{array}{c} \text{Three Cats} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 133

$$\text{Butterfly} + \text{Butterfly} = 10$$

$$\text{Butterfly} \times \text{Bee} = 40$$

$$\text{Bee} + \text{Ladybug} = 20$$

$$\text{Ladybug} + \text{Butterfly} = ?$$

Puzzle 134

$$\text{Dollar Bill} + \text{Dollar Bill} = 4$$

$$\text{Pencil} \times \text{Dollar Bill} = 18$$

$$\text{Battery} \times \text{Pencil} = 36$$

$$\text{Dollar Bill} \times \text{Battery} = ?$$

Puzzle 135

$$\text{Orange} + \text{Orange} = 24$$

$$\text{Lettuce} \times \text{Orange} = 60$$

$$\text{Grapes} \times \text{Lettuce} = 30$$

$$\text{Orange} + \text{Grapes} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 136

$$\text{Alien} + \text{Alien} = 16$$

$$\text{Globe} + \text{Alien} = 14$$

$$\text{Robot} \times \text{Globe} = 36$$

$$\text{Alien} \times \text{Robot} = ?$$

Puzzle 137

$$\text{Globe} \times \text{Globe} = 81$$

$$\text{Globe} + \text{Globe} = 17$$

$$\text{Globe} \times \text{Star} = 80$$

$$\text{Globe} \times \text{Star} = ?$$

Puzzle 138

$$\text{Cupcake} \times \text{Cupcake} = 100$$

$$\text{Cupcake} + \text{Popsicle} = 14$$

$$\text{Popsicle} \times \text{Cupcake} = 96$$

$$\text{Cupcake} \times \text{Cupcake} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 139

$$\text{Octopus} \times \text{Octopus} = 121$$

$$\text{Octopus} + \text{Dragon} = 18$$

$$\text{Dragon} + \text{Dragon} \times \text{Wizard} = 42$$

$$\text{Wizard} + \text{Octopus} = ?$$

Puzzle 140

$$\text{Tennis Ball} + \text{Tennis Ball} = 50$$

$$\text{Tennis Ball} \times \text{Racket} = 75$$

$$\text{Bottles} \times \text{Racket} = 48$$

$$\text{Bottle} + \text{Tennis Ball} = ?$$

Puzzle 141

$$\text{Airplane} + \text{Airplane} = 48$$

$$\text{Airplane} \times \text{Hiker} = 48$$

$$\text{Taxi} \times \text{Hiker} = 36$$

$$\text{Taxi} + \text{Airplane} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 142

$$\text{taco} + \text{taco} = 60$$

$$\text{taco} + \text{hot dog} = 50$$

$$\text{hot dog} \times \text{hamburger} = 80$$

$$\text{hamburger} + \text{taco} = ?$$

Puzzle 143

$$\text{backpack} \times \text{backpack} = 25$$

$$\text{backpack} + \text{backpack} = 40$$

$$\text{backpack} \times \text{pouch} = 90$$

$$\text{backpack} \times \text{pouch} = ?$$

Puzzle 144

$$\text{dog} \times \text{dog} = 49$$

$$\text{dog} \times \text{dog} = 154$$

$$\text{dog} + \text{dog} = 19$$

$$\text{dog} + \text{dog} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 145

$$\begin{array}{c} \text{Toilet} \\ \times \end{array} \quad \begin{array}{c} \text{Toilet} \\ \times \end{array} = 25$$

$$\begin{array}{c} \text{Toilet} \\ + \end{array} \quad \begin{array}{c} \text{Washer} \\ \text{and} \\ \text{Dryer} \end{array} = 21$$

$$\begin{array}{c} \text{Sink} \\ - \end{array} \quad \begin{array}{c} \text{Washer} \\ \times \end{array} = 2$$

$$\begin{array}{c} \text{Toilet} \\ \times \end{array} \quad \begin{array}{c} \text{Sink} \\ \times \end{array} = ?$$

Puzzle 146

$$64 = \begin{array}{c} \text{Crying Face} \\ \times \end{array} \quad \begin{array}{c} \text{Crying Face} \\ \times \end{array}$$

$$32 = \begin{array}{c} \text{Crying Face} \\ + \end{array} \quad \begin{array}{c} \text{Smiling Face} \\ \text{with} \\ \text{Two} \\ \text{Teeth} \end{array}$$

$$8 = \begin{array}{c} \text{Crying Face} \\ - \end{array} \quad \begin{array}{c} \text{Smiling Face} \\ \text{with} \\ \text{Two} \\ \text{Teeth} \end{array}$$

$$? = \begin{array}{c} \text{Crying Face} \\ \text{with} \\ \text{Two} \\ \text{Teeth} \\ - \end{array} \quad \begin{array}{c} \text{Crying Face} \end{array}$$

Puzzle 147

$$36 = \begin{array}{c} \text{Pineapple} \\ \times \end{array} \quad \begin{array}{c} \text{Pineapple} \\ \times \end{array}$$

$$21 = \begin{array}{c} \text{Dragonfruit} \\ + \end{array} \quad \begin{array}{c} \text{Pineapple} \\ \text{and} \\ \text{Pineapple} \end{array}$$

$$1 = \begin{array}{c} \text{Coconut} \\ - \end{array} \quad \begin{array}{c} \text{Dragonfruit} \\ - \end{array}$$

$$? = \begin{array}{c} \text{Pineapple} \\ \text{and} \\ \text{Pineapple} \\ \times \end{array} \quad \begin{array}{c} \text{Coconut} \end{array}$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 148

$$14 = \text{rainy owl} + \text{rainy owl}$$

$$70 = \text{music owl} \times \text{rainy owls}$$

$$40 = \text{angel owl} \times \text{music owl}$$

$$? = \text{rainy owl} \times \text{angel owl}$$

Puzzle 149

$$\text{cloud} + \text{cloud} = 12$$

$$84 = \text{clouds} \times \text{moon}$$

$$\text{moon} \times \text{lightning} = 77$$

$$? = \text{clouds} \times \text{lightning}$$

Puzzle 150

$$64 = \text{bag of strawberries} \times \text{bag of strawberries}$$

$$\text{ring} + \text{bag of strawberries} = 18$$

$$36 = \text{cans} \times \text{ring}$$

$$\text{cans} - \text{bag of strawberries} = ?$$

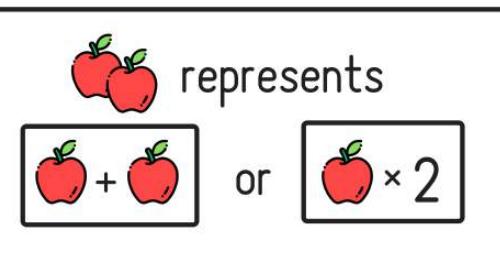
PUZZLES 151-180

DIFFICULTY LEVEL: **BLUE (3-4) / GREEN (5-6+)**

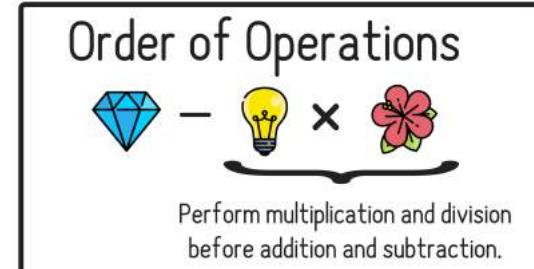
FOCUS

- MULTI-DIGIT & REPEATED OPERATIONS (UP TO 900)
- MULTIPLY AND DIVIDE BY ZERO
- INVERSE OPERATIONS / ORDER OF OPERATIONS
- MULTI-STEP PROBLEM SOLVING

NOTE



REMEMBER



Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 151

$$\text{Peach} + \text{Peach} + \text{Peach} = 12$$

$$\text{Peach} + \text{Strawberry} + \text{Peach} = 18$$

$$\text{Strawberry} + \text{Strawberry} + \text{Pear} = 25$$

$$\text{Pear} \times \text{Strawberry} + \text{Peach} = ?$$

Puzzle 152

$$\text{Panda} + \text{Panda} + \text{Panda} = 21$$

$$\text{Panda} + \text{Pig} + \text{Pig} = 9$$

$$\text{Pig} + \text{Chicken} + \text{Pig} = 13$$

$$\text{Chicken} + \text{Panda} + \text{Pig} = ?$$

Puzzle 153

$$\text{Surprised Face} + \text{Surprised Face} + \text{Surprised Face} = 36$$

$$\text{Surprised Face} + \text{Sleepy Face} + \text{Surprised Face} = 32$$

$$\text{Smiling Face} + \text{Sleepy Face} + \text{Sleepy Face} = 25$$

$$\text{Smiling Face with Halo} + \text{Surprised Face} \times \text{Sleepy Face} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 154

$$\text{House} + \text{House} + \text{House} = 12$$

$$\text{House} + \text{Star} + \text{House} = 13$$

$$\text{Star} + \text{Star} + \text{Heart} = 33$$

$$\text{Heart} + \text{Star} \times \text{House} = ?$$

Puzzle 155

$$\text{Pharaoh} + \text{Pharaoh} + \text{Pharaoh} = 30$$

$$\text{Albert} + \text{Pharaoh} + \text{Albert} = 44$$

$$\text{Ninja} + \text{Albert} + \text{Albert} = 40$$

$$\text{Pharaoh} \times \text{Ninja} + \text{Albert} = ?$$

Puzzle 156

$$\text{Smoothie} + \text{Smoothie} + \text{Smoothie} = 45$$

$$\text{Smoothie} + \text{Smoothie} + \text{Smoothie} = 19$$

$$\text{Smoothie} + \text{Smoothie} + \text{Smoothie} = 20$$

$$\text{Smoothie} \times \text{Smoothie} + \text{Smoothie} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 157

$$\begin{array}{c} \text{cat} \\ + \\ \text{cat} \\ + \\ \text{cat} \end{array} = 48$$

$$\begin{array}{c} \text{wolf} \\ + \\ \text{cat} \\ + \\ \text{wolf} \end{array} = 116$$

$$\begin{array}{c} \text{lion} \\ + \\ \text{wolf} \\ + \\ \text{wolf} \end{array} = 102$$

$$\begin{array}{c} \text{two wolves} \\ + \\ \text{lion} \\ \times \\ \text{cat} \end{array} = ?$$

Puzzle 158

$$\begin{array}{c} \text{diamond} \\ + \\ \text{diamond} \\ + \\ \text{diamond} \end{array} = 33$$

$$\begin{array}{c} \text{hand} \\ + \\ \text{diamond} \\ + \\ \text{hand} \end{array} = 19$$

$$\begin{array}{c} \text{crown} \\ + \\ \text{hand} \\ + \\ \text{crown} \end{array} = 24$$

$$\begin{array}{c} \text{three diamonds} \\ + \\ \text{crown} \\ \times \\ \text{two hands} \end{array} = ?$$

Puzzle 159

$$\begin{array}{c} \text{camera} \\ + \\ \text{camera} \\ + \\ \text{camera} \end{array} = 60$$

$$\begin{array}{c} \text{two headphones} \\ + \\ \text{camera} \\ + \\ \text{two headphones} \end{array} = 30$$

$$\begin{array}{c} \text{two headphones} \\ + \\ \text{two headphones} \\ + \\ \text{microphone} \end{array} = 22$$

$$\begin{array}{c} \text{microphone} \\ \times \\ \text{two headphones} \\ + \\ \text{two cameras} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 160

$$\begin{array}{c} \text{Construction worker} \\ + \\ \text{Construction worker} \\ + \\ \text{Construction worker} \end{array} = 54$$

$$\begin{array}{c} \text{Woman} \\ + \\ \text{Woman} \\ + \\ \text{Construction worker} \end{array} = 24$$

$$\begin{array}{c} \text{Construction worker} \\ + \\ \text{Woman} \\ + \\ \text{Construction worker} \end{array} = 17$$

$$\begin{array}{c} \text{Construction worker} \\ + \\ \text{Construction worker} \\ \times \\ \text{Woman} \\ \text{Woman} \end{array} = ?$$

Puzzle 161

$$\begin{array}{c} \text{Kiwi} \\ + \\ \text{Kiwi} \\ + \\ \text{Kiwi} \end{array} = 9$$

$$\begin{array}{c} \text{Kiwi} \\ + \\ \text{Kiwi} \\ + \\ \text{Kiwi} \end{array} = 27$$

$$\begin{array}{c} \text{Kiwi} \\ + \\ \text{Kiwi} \\ + \\ \text{Grapes} \end{array} = 100$$

$$\begin{array}{c} \text{Grapes} \\ + \\ \text{Kiwi} \\ \times \\ \text{Kiwi} \end{array} = ?$$

Puzzle 162

$$\begin{array}{c} \text{Eagle} \\ + \\ \text{Eagle} \\ + \\ \text{Eagle} \end{array} = 39$$

$$\begin{array}{c} \text{Hamster} \\ + \\ \text{Eagle} \\ + \\ \text{Hamster} \end{array} = 25$$

$$\begin{array}{c} \text{Hamster} \\ + \\ \text{Hamster} \\ + \\ \text{Cow} \end{array} = 21$$

$$\begin{array}{c} \text{Cow} \\ + \\ \text{Hamster} \\ \times \\ \text{Eagle} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 163

$$\text{Heart} + \text{Heart} + \text{Heart} = 27$$

$$\text{Heart} + \text{Flame} + \text{Heart} = 32$$

$$\text{Top Hat} + \text{Top Hat} + \text{Flame} = 34$$

$$\text{Flame} + \text{Hearts} \times \text{Top Hat} = ?$$

Puzzle 164

$$\text{Cat} + \text{Cat} + \text{Cat} = 90$$

$$\text{Cat} + \text{Cat} + \text{Cat} = 62$$

$$\text{Cat} + \text{Cat} + \text{Cat} = 24$$

$$\text{Cat} + \text{Cat} \times \text{Cat} = ?$$

Puzzle 165

$$\text{Surgeon} + \text{Surgeon} + \text{Surgeon} = 27$$

$$\text{Nurse} + \text{Nurse} + \text{Surgeon} = 19$$

$$\text{Nurse} + \text{Nurse} + \text{Nurse} = 17$$

$$\text{Surgeon} + \text{Nurse} \times \text{Surgeon} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 166

$$\text{camel} + \text{camel} + \text{camel} = 36$$

$$\text{cow} + \text{tiger} + \text{cow} = 6$$

$$\text{camel} + \text{camel} + \text{cow} = 24$$

$$\text{camel} \times \text{cow} + \text{tiger} = ?$$

Puzzle 167

$$\text{girl with pigtails} + \text{girl with ponytail} + \text{girl with ponytail} = 1$$

$$\text{girl with pigtails} + \text{girl with pigtails} + \text{girl with pigtails} = 3$$

$$\text{girl with pigtails} + \text{girl with ponytail} + \text{girl with pigtails} = 100$$

$$\text{two buns} \times \text{girl with pigtails} + \text{girl with ponytail} = ?$$

Puzzle 168

$$\text{factory} + \text{house} + \text{house} = 46$$

$$\text{hospital} + \text{factory} + \text{hospital} = 90$$

$$\text{hospital} + \text{hospital} + \text{hospital} = 99$$

$$\text{factory} + \text{hospital} + \text{house} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 169

$$\text{Donut} + \text{Donut} + \text{Donut} = 51$$

$$\text{Cupcake} + \text{Donut} + \text{Cupcake} = 53$$

$$\text{Ice Cream} + \text{Donut} + \text{Ice Cream} = 57$$

$$\text{Ice Cream} + \text{Donut} + \text{Cupcake} = ?$$

Puzzle 170

$$\text{Person A} + \text{Person B} + \text{Person C} = 63$$

$$\text{Person D} + \text{Person A} + \text{Person D} = 67$$

$$\text{Person E} + \text{Person F} + \text{Person E} = 83$$

$$\text{Person G} + \text{Person H} + \text{Person G} + \text{Person H} = ?$$

Puzzle 171

$$\text{Circular Saw} + \text{Circular Saw} + \text{Circular Saw} = 300$$

$$\text{Circular Saw} + \text{Excavator} + \text{Circular Saw} = 262$$

$$\text{Circular Saw} + \text{Excavator} + \text{Excavator} = 99$$

$$\text{Circular Saw} + \text{Circular Saw} + \text{Excavator} + \text{Excavator} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 172

$$\begin{array}{c} \text{Monkey} + \text{Monkey} + \text{Monkey} = 360 \\ \hline \end{array}$$

$$\begin{array}{c} \text{Monkey} + \text{Monkey with glasses} + \text{Monkey} = 400 \\ \hline \end{array}$$

$$\begin{array}{c} \text{Monkey with tail} + \text{Monkey with tail} + \text{Monkey with glasses} = 410 \\ \hline \end{array}$$

$$\begin{array}{c} \text{Monkey with tail} + \text{Monkey with glasses} + \text{Monkey with tail} - \text{Monkey with tail} = ? \\ \hline \end{array}$$

Puzzle 173

$$\begin{array}{c} \text{Pizza slice} + \text{Pizza slice} + \text{Pizza slice} = 111 \\ \hline \end{array}$$

$$\begin{array}{c} \text{Hamburger} + \text{Hamburger} + \text{Pizza slice} = 143 \\ \hline \end{array}$$

$$\begin{array}{c} \text{Taco} + \text{Taco} + \text{Hamburger} = 175 \\ \hline \end{array}$$

$$\begin{array}{c} \text{Pizza slice} + \text{Hamburger} + \text{Taco} + \text{Taco} = ? \\ \hline \end{array}$$

Puzzle 174

$$\begin{array}{c} \text{Smartphone} + \text{Smartphone} + \text{Smartphone} = 42 \\ \hline \end{array}$$

$$\begin{array}{c} \text{Smartphone} + \text{Smartphone} + \text{Smartphone with signal} = 28 \\ \hline \end{array}$$

$$\begin{array}{c} \text{Smartphone with signal} + \text{Smartphone with signal} + \text{Smartphone with signal} = 187 \\ \hline \end{array}$$

$$\begin{array}{c} \text{Smartphone with signal} + \text{Smartphone with signal} \times \text{Smartphone with signal} = ? \\ \hline \end{array}$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 175

$$\begin{array}{c} \text{Football helmet} \\ + \end{array} + \begin{array}{c} \text{Football helmet} \\ + \end{array} = 108$$

$$\begin{array}{c} \text{Football} \\ + \end{array} + \begin{array}{c} \text{Football helmet} \\ + \end{array} + \begin{array}{c} \text{Football} \\ + \end{array} = 134$$

$$\begin{array}{c} \text{Football} \\ + \end{array} + \begin{array}{c} \text{Referee} \\ \text{with arms raised} \end{array} + \begin{array}{c} \text{Referee} \\ \text{with arms raised} \end{array} = 57$$

$$\begin{array}{c} \text{Football helmet} \\ \times \end{array} + \begin{array}{c} \text{Referee} \\ \text{with arms raised} \end{array} + \begin{array}{c} \text{Football} \\ \text{with stripes} \end{array} = ?$$

Puzzle 176

$$\begin{array}{c} \text{Magic potion} \\ + \end{array} + \begin{array}{c} \text{Magic potion} \\ + \end{array} + \begin{array}{c} \text{Magic potion} \\ + \end{array} = 315$$

$$\begin{array}{c} \text{Spider} \\ + \end{array} + \begin{array}{c} \text{Spider} \\ + \end{array} + \begin{array}{c} \text{Magic potion} \\ + \end{array} = 153$$

$$\begin{array}{c} \text{Spider} \\ + \end{array} + \begin{array}{c} \text{Jack-o'-lantern} \\ \text{with arms raised} \end{array} + \begin{array}{c} \text{Jack-o'-lantern} \\ \text{with arms raised} \end{array} = 100$$

$$\begin{array}{c} \text{Magic potion} \\ + \end{array} + \begin{array}{c} \text{Spider} \\ + \end{array} - \begin{array}{c} \text{Jack-o'-lantern} \\ \text{with arms raised} \end{array} = ?$$

Puzzle 177

$$\begin{array}{c} \text{Cat} \\ + \end{array} + \begin{array}{c} \text{Cat} \\ + \end{array} + \begin{array}{c} \text{Cat} \\ + \end{array} = 258$$

$$\begin{array}{c} \text{Rabbit} \\ + \end{array} + \begin{array}{c} \text{Rabbit} \\ + \end{array} + \begin{array}{c} \text{Cat} \\ + \end{array} = 200$$

$$\begin{array}{c} \text{Rabbit} \\ + \end{array} + \begin{array}{c} \text{Squirrel} \\ + \end{array} + \begin{array}{c} \text{Squirrel} \\ + \end{array} = 42$$

$$\begin{array}{c} \text{Rabbit} \\ \times \end{array} + \begin{array}{c} \text{Squirrel} \\ + \end{array} + \begin{array}{c} \text{Cat} \\ + \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 178

$$\begin{array}{r} \text{Sandwich} \\ + \text{Sandwich} \\ + \text{Sandwich} \\ \hline = 900 \end{array}$$

$$\begin{array}{r} \text{Sandwich} \\ + \text{Bag} \\ + \text{Bag} \\ \hline = 357 \end{array}$$

$$\begin{array}{r} \text{Fried Balls} \\ + \text{Bag} \\ + \text{Fried Balls} \\ \hline = 72 \end{array}$$

$$\begin{array}{r} \text{Sandwich} \\ + \text{Bag} \\ \times \text{Fried Balls} \\ \hline = ? \end{array}$$

Puzzle 179

$$\begin{array}{r} \text{Envelope} \\ + \text{Envelope} \\ + \text{Envelope} \\ \hline = 225 \end{array}$$

$$\begin{array}{r} \text{Gift} \\ + \text{Envelope} \\ + \text{Envelope} \\ \hline = 400 \end{array}$$

$$\begin{array}{r} \text{Gift} \\ + \text{Globe} \\ + \text{Globe} \\ \hline = 340 \end{array}$$

$$\begin{array}{r} \text{Globe} \\ + \text{Envelope} \\ + \text{Gift} \\ \hline = ? \end{array}$$

Puzzle 180

$$\begin{array}{r} \text{School Bus} \\ + \text{School Bus} \\ + \text{School Bus} \\ \hline = 231 \end{array}$$

$$\begin{array}{r} \text{School Bus} \\ + \text{Taxi} \\ + \text{Taxi} \\ \hline = 175 \end{array}$$

$$\begin{array}{r} \text{Police Car} \\ + \text{Taxi} \\ + \text{Police Car} \\ \hline = 39 \end{array}$$

$$\begin{array}{r} \text{Taxi} \\ \times \text{Police Car} \\ - \text{School Bus} \\ \hline = ? \end{array}$$

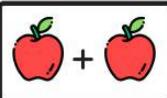
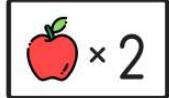
PUZZLES 181-210

DIFFICULTY LEVEL: **GREEN (5-6+)**

FOCUS

- ADVANCED MULTI-DIGIT OPERATIONS (UP TO 5,000)
- ADVANCED INVERSE OPERATIONS & ORDER OF OPERATIONS
- MULTI-STEP PROBLEM SOLVING & ALGEBRAIC THINKING

NOTE

 represents
 +  or  \times 2



REMEMBER

Order of Operations



Perform multiplication and division before addition and subtraction.

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 181

$$\begin{array}{c} \text{jug} \\ + \end{array} + \begin{array}{c} \text{jug} \\ + \end{array} + \begin{array}{c} \text{jug} \\ = \end{array} 24$$

$$\begin{array}{c} \text{bowl} \\ \times \end{array} + \begin{array}{c} \text{jug} \\ + \end{array} + \begin{array}{c} \text{bowl} \\ = \end{array} 45$$

$$\begin{array}{c} \text{bowl} \\ \times \end{array} + \begin{array}{c} \text{ice cream} \\ + \end{array} + \begin{array}{c} \text{ice cream} \\ = \end{array} 12$$

$$\begin{array}{c} \text{jug} \\ + \end{array} + \begin{array}{c} \text{ice cream} \\ \times \end{array} + \begin{array}{c} \text{bowl} \\ = \end{array} ?$$

Puzzle 182

$$\begin{array}{c} \text{zebra} \\ + \end{array} + \begin{array}{c} \text{zebra} \\ + \end{array} + \begin{array}{c} \text{zebra} \\ = \end{array} 27$$

$$\begin{array}{c} \text{crocodile} \\ \times \end{array} + \begin{array}{c} \text{zebra} \\ + \end{array} + \begin{array}{c} \text{crocodile} \\ = \end{array} 30$$

$$\begin{array}{c} \text{crocodile} \\ \times \end{array} + \begin{array}{c} \text{boar} \\ + \end{array} + \begin{array}{c} \text{boar} \\ = \end{array} 48$$

$$\begin{array}{c} \text{boar} \\ + \end{array} + \begin{array}{c} \text{crocodile} \\ \times \end{array} + \begin{array}{c} \text{zebra} \\ = \end{array} ?$$

Puzzle 183

$$\begin{array}{c} \text{sad face} \\ + \end{array} + \begin{array}{c} \text{sad face} \\ + \end{array} + \begin{array}{c} \text{sad face} \\ = \end{array} 15$$

$$\begin{array}{c} \text{smiling face} \\ + \end{array} + \begin{array}{c} \text{sad face} \\ \times \end{array} + \begin{array}{c} \text{sad face} \\ = \end{array} 33$$

$$\begin{array}{c} \text{smiling face} \\ \times \end{array} + \begin{array}{c} \text{angry face} \\ + \end{array} + \begin{array}{c} \text{angry face} \\ = \end{array} 54$$

$$\begin{array}{c} \text{sad face} \\ + \end{array} + \begin{array}{c} \text{angry face} \\ \times \end{array} + \begin{array}{c} \text{smiling face} \\ = \end{array} ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 184

$$\text{Accordion} + \text{Accordion} + \text{Accordion} = 30$$

$$\text{Banjo} + \text{Accordion} \times \text{Accordion} = 104$$

$$\text{Banjo} \times \text{Trumpet} + \text{Trumpet} = 45$$

$$\text{Trumpet} \times \text{Banjo} + \text{Accordion} = ?$$

Puzzle 185

$$\text{Player} + \text{Player} + \text{Player} = 42$$

$$\text{Robot} \times \text{Player} + \text{Robot} = 30$$

$$\text{Robot} \times \text{Agent} + \text{Agent} = 39$$

$$\text{Agent} \times \text{Robot} + \text{Player} = ?$$

Puzzle 186

$$\text{Tomato} + \text{Tomato} + \text{Tomato} = 24$$

$$\text{Broccoli} \times \text{Broccoli} + \text{Tomato} = 40$$

$$\text{Eggplant} + \text{Broccoli} \times \text{Broccoli} = 151$$

$$\text{Eggplant} + \text{Tomato} \times \text{Broccoli} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 187

$$\begin{array}{c} \text{fish} \\ \text{C} \end{array} + \begin{array}{c} \text{fish} \\ \text{C} \end{array} + \begin{array}{c} \text{fish} \\ \text{C} \end{array} = 36$$

$$\begin{array}{c} \text{frog} \\ \text{C} \end{array} + \begin{array}{c} \text{frog} \\ \text{C} \end{array} \times \begin{array}{c} \text{fish} \\ \text{C} \end{array} = 56$$

$$\begin{array}{c} \text{frog} \\ \text{C} \end{array} \times \begin{array}{c} \text{bird} \\ \text{C} \end{array} + \begin{array}{c} \text{frog} \\ \text{C} \end{array} = 80$$

$$\begin{array}{c} \text{frog} \\ \text{C} \end{array} \times \begin{array}{c} \text{bird} \\ \text{C} \end{array} + \begin{array}{c} \text{fish} \\ \text{C} \end{array} = ?$$

Puzzle 188

$$\begin{array}{c} \text{lips} \\ \text{C} \end{array} + \begin{array}{c} \text{lips} \\ \text{C} \end{array} + \begin{array}{c} \text{lips} \\ \text{C} \end{array} = 48$$

$$\begin{array}{c} \text{candy} \\ \text{C} \end{array} + \begin{array}{c} \text{candy} \\ \text{C} \end{array} \times \begin{array}{c} \text{lips} \\ \text{C} \end{array} = 63$$

$$\begin{array}{c} \text{candy} \\ \text{C} \end{array} \times \begin{array}{c} \text{girl} \\ \text{C} \end{array} + \begin{array}{c} \text{candy} \\ \text{C} \end{array} = 42$$

$$\begin{array}{c} \text{lips} \\ \text{C} \end{array} + \begin{array}{c} \text{candy} \\ \text{C} \end{array} \times \begin{array}{c} \text{girl} \\ \text{C} \end{array} = ?$$

Puzzle 189

$$\begin{array}{c} \text{tree} \\ \text{C} \end{array} + \begin{array}{c} \text{tree} \\ \text{C} \end{array} + \begin{array}{c} \text{tree} \\ \text{C} \end{array} = 30$$

$$\begin{array}{c} \text{tree} \\ \text{C} \end{array} \times \begin{array}{c} \text{flower} \\ \text{C} \end{array} + \begin{array}{c} \text{flower} \\ \text{C} \end{array} = 56$$

$$\begin{array}{c} \text{rose} \\ \text{C} \end{array} \times \begin{array}{c} \text{rose} \\ \text{C} \end{array} + \begin{array}{c} \text{flower} \\ \text{C} \end{array} = 108$$

$$\begin{array}{c} \text{tree} \\ \text{C} \end{array} + \begin{array}{c} \text{flower} \\ \text{C} \end{array} \times \begin{array}{c} \text{rose} \\ \text{C} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 190

$$\begin{array}{c} \text{girl with hat} \\ \text{girl with hat} \end{array} + \begin{array}{c} \text{girl with hat} \\ \text{girl with hat} \end{array} + \begin{array}{c} \text{girl with hat} \\ \text{girl with hat} \end{array} = 54$$

$$\begin{array}{c} \text{boy with life vest} \\ \text{boy with life vest} \end{array} \times \begin{array}{c} \text{boy with life vest} \\ \text{boy with life vest} \end{array} + \begin{array}{c} \text{girl with hat} \\ \text{girl with hat} \end{array} = 54$$

$$\begin{array}{c} \text{boy with life vest} \\ \text{boy with life vest} \end{array} \times \begin{array}{c} \text{boy with life vest} \\ \text{boy with life vest} \end{array} + \begin{array}{c} \text{girl with curly hair} \\ \text{girl with curly hair} \end{array} = 20$$

$$\begin{array}{c} \text{girl with hat} \\ \text{girl with hat} \end{array} + \begin{array}{c} \text{boy with life vest} \\ \text{boy with life vest} \end{array} \times \begin{array}{c} \text{girl with curly hair} \\ \text{girl with curly hair} \end{array} = ?$$

Puzzle 191

$$\begin{array}{c} \text{dog with toothbrush} \\ \text{dog with toothbrush} \end{array} + \begin{array}{c} \text{dog with toothbrush} \\ \text{dog with toothbrush} \end{array} + \begin{array}{c} \text{dog with toothbrush} \\ \text{dog with toothbrush} \end{array} = 72$$

$$\begin{array}{c} \text{dog with toothbrush} \\ \text{dog with toothbrush} \end{array} \times \begin{array}{c} \text{dog with toothbrush} \\ \text{dog with toothbrush} \end{array} + \begin{array}{c} \text{dog with toothbrush} \\ \text{dog with toothbrush} \end{array} = 168$$

$$\begin{array}{c} \text{dog with toothbrush} \\ \text{dog with toothbrush} \end{array} \times \begin{array}{c} \text{dog with toothbrush} \\ \text{dog with toothbrush} \end{array} + \begin{array}{c} \text{dog with toothbrush} \\ \text{dog with toothbrush} \end{array} = 46$$

$$\begin{array}{c} \text{dog with toothbrush} \\ \text{dog with toothbrush} \end{array} + \begin{array}{c} \text{dog with toothbrush} \\ \text{dog with toothbrush} \end{array} \times \begin{array}{c} \text{dog with toothbrush} \\ \text{dog with toothbrush} \end{array} = ?$$

Puzzle 192

$$\begin{array}{c} \text{shoe} \\ \text{shoe} \end{array} + \begin{array}{c} \text{shoe} \\ \text{shoe} \end{array} + \begin{array}{c} \text{shoe} \\ \text{shoe} \end{array} = 90$$

$$\begin{array}{c} \text{shoe} \\ \text{shoe} \end{array} + \begin{array}{c} \text{shoe} \\ \text{shoe} \end{array} \times \begin{array}{c} \text{shoe} \\ \text{shoe} \end{array} = 130$$

$$\begin{array}{c} \text{shoe} \\ \text{shoe} \end{array} \times \begin{array}{c} \text{shoe} \\ \text{shoe} \end{array} + \begin{array}{c} \text{shoe} \\ \text{shoe} \end{array} = 365$$

$$\begin{array}{c} \text{shoe} \\ \text{shoe} \end{array} + \begin{array}{c} \text{shoe} \\ \text{shoe} \end{array} \times \begin{array}{c} \text{shoe} \\ \text{shoe} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 193

$$\begin{array}{c} \text{cranes} \\ \text{cranes} \\ \text{cranes} \end{array} + \begin{array}{c} \text{cranes} \\ \text{cranes} \end{array} + \begin{array}{c} \text{cranes} \\ \text{cranes} \end{array} = 96$$

$$\begin{array}{c} \text{cranes} \\ \text{cranes} \end{array} \times \begin{array}{c} \text{cranes} \\ \text{cranes} \end{array} + \begin{array}{c} \text{paint palette} \\ \text{paint palette} \end{array} = 224$$

$$\begin{array}{c} \text{paint palette} \\ \text{paint palette} \end{array} + \begin{array}{c} \text{game controller} \\ \text{game controller} \end{array} + \begin{array}{c} \text{paint palette} \\ \text{paint palette} \end{array} = 46$$

$$\begin{array}{c} \text{game controller} \\ \text{game controller} \end{array} \times \begin{array}{c} \text{paint palette} \\ \text{paint palette} \end{array} + \begin{array}{c} \text{cranes} \\ \text{cranes} \end{array} = ?$$

Puzzle 194

$$\begin{array}{c} \text{candles} \\ \text{candles} \end{array} + \begin{array}{c} \text{candles} \\ \text{candles} \end{array} + \begin{array}{c} \text{candles} \\ \text{candles} \end{array} = 150$$

$$\begin{array}{c} \text{pillow} \\ \text{pillow} \end{array} \times \begin{array}{c} \text{pillow} \\ \text{pillow} \end{array} + \begin{array}{c} \text{candles} \\ \text{candles} \end{array} = 246$$

$$\begin{array}{c} \text{pillow} \\ \text{pillow} \end{array} \times \begin{array}{c} \text{pillow} \\ \text{pillow} \end{array} + \begin{array}{c} \text{moon} \\ \text{moon} \end{array} = 61$$

$$\begin{array}{c} \text{moon} \\ \text{moon} \end{array} \times \begin{array}{c} \text{candles} \\ \text{candles} \end{array} + \begin{array}{c} \text{pillow} \\ \text{pillow} \end{array} = ?$$

Puzzle 195

$$\begin{array}{c} \text{dinosaur} \\ \text{dinosaur} \end{array} + \begin{array}{c} \text{dinosaur} \\ \text{dinosaur} \end{array} + \begin{array}{c} \text{dinosaur} \\ \text{dinosaur} \end{array} = 150$$

$$\begin{array}{c} \text{dinosaur} \\ \text{dinosaur} \end{array} + \begin{array}{c} \text{lizard} \\ \text{lizard} \end{array} \times \begin{array}{c} \text{lizard} \\ \text{lizard} \end{array} = 384$$

$$\begin{array}{c} \text{lizard} \\ \text{lizard} \end{array} \times \begin{array}{c} \text{lizard} \\ \text{lizard} \end{array} + \begin{array}{c} \text{grasshopper} \\ \text{grasshopper} \end{array} = 89$$

$$\begin{array}{c} \text{lizard} \\ \text{lizard} \end{array} \times \begin{array}{c} \text{grasshopper} \\ \text{grasshopper} \end{array} + \begin{array}{c} \text{dinosaur} \\ \text{dinosaur} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 196

$$\begin{array}{c} \text{cupcake} \\ \text{cupcake} \\ \text{cupcake} \end{array} + \begin{array}{c} \text{cupcake} \\ \text{cupcake} \end{array} + \text{cupcake} = 220$$

$$\begin{array}{c} \text{cupcake} \\ \text{cupcake} \end{array} + \begin{array}{c} \text{cake} \\ \text{cake} \end{array} + \text{cake} = 91$$

$$\begin{array}{c} \text{cake} \\ \text{cake} \end{array} \times \begin{array}{c} \text{cup} \\ \text{cup} \end{array} + \begin{array}{c} \text{cup} \\ \text{cup} \end{array} = 0$$

$$\begin{array}{c} \text{cupcake} \\ \text{cupcake} \end{array} \times \begin{array}{c} \text{cup} \\ \text{cup} \end{array} + \begin{array}{c} \text{cake} \\ \text{cake} \end{array} = ?$$

Puzzle 197

$$\begin{array}{c} \text{snowflake} \\ \text{snowflake} \end{array} + \begin{array}{c} \text{snowflake} \\ \text{snowflake} \end{array} + \begin{array}{c} \text{snowflake} \\ \text{snowflake} \end{array} = 525$$

$$\begin{array}{c} \text{snowflake} \\ \text{snowflake} \end{array} + \begin{array}{c} \text{igloo} \\ \text{igloo} \end{array} \times \begin{array}{c} \text{igloo} \\ \text{igloo} \end{array} = 310$$

$$\begin{array}{c} \text{mountain} \\ \text{mountain} \end{array} \times \begin{array}{c} \text{igloo} \\ \text{igloo} \end{array} + \begin{array}{c} \text{igloo} \\ \text{igloo} \end{array} = 330$$

$$\begin{array}{c} \text{igloo} \\ \text{igloo} \end{array} \times \begin{array}{c} \text{mountain} \\ \text{mountain} \end{array} - \begin{array}{c} \text{snowflake} \\ \text{snowflake} \end{array} = ?$$

Puzzle 198

$$\begin{array}{c} \text{soccer ball} \\ \text{soccer ball} \end{array} + \begin{array}{c} \text{soccer ball} \\ \text{soccer ball} \end{array} + \begin{array}{c} \text{soccer ball} \\ \text{soccer ball} \end{array} = 108$$

$$\begin{array}{c} \text{boat} \\ \text{boat} \end{array} \times \begin{array}{c} \text{boat} \\ \text{boat} \end{array} + \begin{array}{c} \text{soccer ball} \\ \text{soccer ball} \end{array} = 436$$

$$\begin{array}{c} \text{beer mug} \\ \text{beer mug} \end{array} \times \begin{array}{c} \text{boat} \\ \text{boat} \end{array} + \begin{array}{c} \text{beer mug} \\ \text{beer mug} \end{array} = 451$$

$$\begin{array}{c} \text{boat} \\ \text{boat} \end{array} + \begin{array}{c} \text{beer mug} \\ \text{beer mug} \end{array} \times \begin{array}{c} \text{soccer ball} \\ \text{soccer ball} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 199

$$\begin{array}{rcl} \text{jar} & + & \text{jar} + \text{jar} = 500 \\ \text{marshmallow} & & \end{array}$$

$$\begin{array}{rcl} \text{marshmallow} & \times & \text{marshmallow} + \text{jar} = 700 \\ \text{marshmallow} & & \end{array}$$

$$\begin{array}{rcl} \text{popcorn} & \times & \text{marshmallow} + \text{popcorn} = 136 \\ \text{popcorn} & & \end{array}$$

$$\begin{array}{rcl} \text{jar} & + & \text{marshmallow} \times \text{popcorn} = ? \\ \text{marshmallow} & & \end{array}$$

Puzzle 200

$$\begin{array}{rcl} \text{man} & + & \text{man} + \text{man} = 380 \\ \text{man} & & \end{array}$$

$$\begin{array}{rcl} \text{man} & \times & \text{man} - \text{man} = 68 \\ \text{man} & & \end{array}$$

$$\begin{array}{rcl} \text{man} & \times & \text{man} + \text{man} = 316 \\ \text{man} & & \end{array}$$

$$\begin{array}{rcl} \text{man} & + & \text{man} \times \text{man} = ? \\ \text{man} & & \end{array}$$

Puzzle 201

$$\begin{array}{rcl} \text{pharaoh} & + & \text{pharaoh} + \text{pharaoh} = 90 \\ \text{pharaoh} & & \end{array}$$

$$\begin{array}{rcl} \text{pharaoh} & \times & \text{scroll} + \text{scroll} = 80 \\ \text{pharaoh} & & \end{array}$$

$$\begin{array}{rcl} \text{pyramid} & \times & \text{pyramid} + \text{scroll} = 266 \\ \text{pyramid} & & \end{array}$$

$$\begin{array}{rcl} \text{scroll} & + & \text{pharaoh} \times \text{pyramid} = ? \\ \text{pharaoh} & & \end{array}$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 202

$$\begin{array}{c} \text{Bike} \\ \text{Bike} \\ \text{Bike} \end{array} + \begin{array}{c} \text{Bike} \\ \text{Bike} \\ \text{Bike} \end{array} + \begin{array}{c} \text{Bike} \\ \text{Bike} \\ \text{Bike} \end{array} = 192$$

$$\begin{array}{c} \text{Bike} \\ \text{Bike} \end{array} + \begin{array}{c} \text{Phone} \\ \text{Phone} \end{array} \times \begin{array}{c} \text{Phone} \\ \text{Phone} \end{array} = 288$$

$$\begin{array}{c} \text{Cone} \\ \text{Cone} \\ \text{Cone} \end{array} \times \begin{array}{c} \text{Cone} \\ \text{Cone} \\ \text{Cone} \end{array} \times \begin{array}{c} \text{Phone} \\ \text{Phone} \end{array} = 576$$

$$\begin{array}{c} \text{Bike} \\ \text{Bike} \end{array} + \begin{array}{c} \text{Phone} \\ \text{Phone} \end{array} \times \begin{array}{c} \text{Cone} \\ \text{Cone} \\ \text{Cone} \end{array} = ?$$

Puzzle 203

$$\begin{array}{c} \text{Sun} \\ \text{Sun} \\ \text{Sun} \end{array} + \begin{array}{c} \text{Sun} \\ \text{Sun} \\ \text{Sun} \end{array} + \begin{array}{c} \text{Sun} \\ \text{Sun} \\ \text{Sun} \end{array} = 270$$

$$\begin{array}{c} \text{Sun} \\ \text{Sun} \end{array} + \begin{array}{c} \text{Acorn} \\ \text{Acorn} \end{array} \times \begin{array}{c} \text{Acorn} \\ \text{Acorn} \end{array} = 445$$

$$\begin{array}{c} \text{Flower} \\ \text{Flower} \end{array} \times \begin{array}{c} \text{Flower} \\ \text{Flower} \end{array} \times \begin{array}{c} \text{Acorn} \\ \text{Acorn} \end{array} = 320$$

$$\begin{array}{c} \text{Sun} \\ \text{Sun} \end{array} \times \begin{array}{c} \text{Acorn} \\ \text{Acorn} \end{array} \times \begin{array}{c} \text{Flower} \\ \text{Flower} \end{array} = ?$$

Puzzle 204

$$\begin{array}{c} \text{Student} \\ \text{Student} \end{array} + \begin{array}{c} \text{Student} \\ \text{Student} \\ \text{Student} \end{array} = 102$$

$$\begin{array}{c} \text{Student} \\ \text{Student} \\ \text{Student} \end{array} \times \begin{array}{c} \text{Student} \\ \text{Student} \end{array} + \begin{array}{c} \text{Student} \\ \text{Student} \end{array} = 178$$

$$\begin{array}{c} \text{Student} \\ \text{Student} \end{array} \times \begin{array}{c} \text{Student} \\ \text{Student} \end{array} \times \begin{array}{c} \text{Student} \\ \text{Student} \end{array} = 360$$

$$\begin{array}{c} \text{Student} \\ \text{Student} \end{array} \times \begin{array}{c} \text{Student} \\ \text{Student} \\ \text{Student} \end{array} \times \begin{array}{c} \text{Student} \\ \text{Student} \end{array} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 205

$$\text{flame} + \text{flame} + \text{flame} = 90$$

$$\text{flame} \times \text{vial} + \text{brain} = 720$$

$$\text{vial} \times \text{vial} \times \text{brain} = 0$$

$$\text{flame} \times \text{vial} \times \text{brain} = ?$$

Puzzle 206

$$\text{cat} + \text{cat} + \text{cat} = 23$$

$$\text{cat} + \text{cat} + \text{cat} = 29$$

$$\text{cat} + \text{cat} + \text{cat} = 35$$

$$\text{cat} \times \text{cat} \times \text{cat} = ?$$

Puzzle 207

$$\text{truck} + \text{crane} + \text{truck} = 18$$

$$\text{ship} + \text{ship} + \text{truck} = 33$$

$$\text{crane} + \text{crane} + \text{ship} = 38$$

$$\text{truck} \times \text{crane} \times \text{ship} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 208

$$\begin{array}{r} \text{unicorn} + \text{horse} + \text{unicorn} = 30 \\ \text{horse} + \text{unicorn} + \text{horse} = 14 \end{array}$$

$$\begin{array}{r} \text{horse} + \text{unicorn} + \text{horse} = 14 \\ \text{zebra} + \text{zebra} + \text{horse} = 62 \end{array}$$

$$\begin{array}{r} \text{horse} \times \text{unicorn} \times \text{zebra} = ? \end{array}$$

Puzzle 209

$$\begin{array}{r} \text{cell} + \text{DNA} + \text{cell} = 29 \\ \text{cell} + \text{molecule} \times \text{cell} = 144 \end{array}$$

$$\begin{array}{r} \text{molecule} + \text{DNA} + \text{molecule} = 41 \\ \text{DNA} + \text{molecule} \times \text{cell} = ? \end{array}$$

Puzzle 210

$$\begin{array}{r} \text{pilot} + \text{pilot} \times \text{pilot} = 48 \\ \text{pilot} + \text{soldier} + \text{pilot} = 28 \end{array}$$

$$\begin{array}{r} \text{soldier} + \text{pilot} + \text{soldier} = 46 \\ \text{pilot} \times \text{pilot} \times \text{soldier} = ? \end{array}$$

PUZZLES 211-240

DIFFICULTY LEVEL: **GREEN (5-6+)**

FOCUS

- ADVANCED ORDER OF OPERATIONS
- MULTI-STEP PROBLEM SOLVING + ALGEBRAIC THINKING
- ADDING AND SUBTRACTING FRACTIONS



REMEMBER

Order of Operations



Perform multiplication and division before addition and subtraction.

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 211

$$\text{Heart} + \text{Glasses} = \text{Bear}$$

$$8 = \text{Heart} + \text{Heart}$$

$$\text{Bear} = \text{Smiley Face} \times 3$$

$$\text{Glasses} - \text{Heart} = 1$$

$$\text{Bear} + \text{Smiley Face} \times \text{Glasses} = ?$$

Puzzle 212

$$9 = \text{Rocket} + \text{Flag} + \text{Rocket}$$

$$\text{Flag} = \text{Balloon} + \text{Balloon}$$

$$\text{Balloon} \times \text{Balloon} \times \text{Flag} = 8$$

$$\text{Rocket} = \text{Flag} - \text{Rocket}$$

$$\text{Flag} \times \text{Balloon} - \text{Rocket} + \text{Flag} = ?$$

Puzzle 213

$$\text{Astronaut} + \text{Train} = \text{Rocket} + 1$$

$$\text{Planet} + \text{Astronaut} + \text{Planet} = \text{Train}$$

$$0 = \text{Planet} \times \text{Rocket}$$

$$\text{Rocket} - 3 = 2$$

$$\text{Astronaut} + \text{Train} \times \text{Rocket} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 214

$$\text{umbrella} + \text{recycling symbol} + \text{umbrella} = 24$$

$$27 = \text{bowling pin} + \text{bowling pin} + \text{telephone}$$

$$\text{telephone} = \text{bowling pin}$$

$$\text{telephone} - 5 = \text{recycling symbol}$$

$$\text{umbrella} \times \text{recycling symbol} \times \text{bowling pin} \times \text{telephone} = ?$$

Puzzle 215

$$\text{doghouse} + \text{dog bowl} + \text{doghouse} = 7$$

$$25 = \text{bone} + \text{dog} + \text{dog} + 1$$

$$\text{dog} = \text{bone}$$

$$3 = \text{dog} - \text{dog bowl}$$

$$\text{doghouse} \times \text{dog bowl} \times \text{bone} \div \text{dog} = ?$$

Puzzle 216

$$24 = \text{jeep} + \text{jeep} + \text{car}$$

$$\text{motorcycle} \times \text{motor scooter} = 8$$

$$1 = \text{car} \div \text{motor scooter}$$

$$\text{car} + 2 = \text{jeep} + 2$$

$$\text{jeep} \div \text{motor scooter} \times \text{car} \div \text{motorcycle} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 217

$$63 = \text{watermelon} + \text{ice cream} + \text{watermelon}$$

$$\text{watermelon} + \text{watermelon} + \text{watermelon} = 33$$

$$\text{ice cream} = \text{watermelon}$$

$$\text{watermelon} - \text{juice} = 3$$

$$\text{watermelon} \div \text{juice} \times \text{ice cream} = ?$$

Puzzle 218

$$17 = \text{mixer} + \text{donut} + \text{cake}$$

$$4 = 5 - \text{cake}$$

$$\text{bag} = \text{mixer}$$

$$\text{cookie} \times 3 = 23 + \text{cake}$$

$$\text{cake} = \text{bag} - \text{cookie}$$

$$\text{mixer} + \text{bag} \times \text{cookie} = ?$$

Puzzle 219

$$\text{cat} + \text{cat} + \text{cat} + \text{cat} = 28$$

$$\text{cat} \times \text{hamster} = 20$$

$$\text{fishbowl} - \text{cat} = 0$$

$$13 = \text{cat} - \text{fishbowl}$$

$$\text{cat} \times \text{cat} \times \text{hamster} \div \text{fishbowl} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 220

$$\text{Spider-Man} + \text{Wonder Woman} + \text{Groot} = 31$$

$$33 = \text{Thor} + \text{Hulk} + \text{Thor}$$

$$\text{Groot} = \text{Spider-Man}$$

$$\text{Hulk} = \text{Thor}$$

$$3 = 21 \div \text{Wonder Woman}$$

$$\text{Hulk} \times \text{Groot} \div \text{Thor} \times \text{Spider-Man} = ?$$

Puzzle 221

$$\text{Switch} + \text{Airplane} = 13 + \text{Flower}$$

$$20 = \text{Flower} + \text{Potion}$$

$$\text{Airplane} = \text{Switch}$$

$$3 \times 3 = \text{Potion}$$

$$(\text{Potion} + \text{Flower} - \text{Airplane}) \times \text{Switch} = ?$$

Puzzle 222

$$\text{Acorn} + \text{Acorn} + \text{Acorn} + \text{Acorn} = 2$$

$$\text{Acorn} + \text{Leaf} = \text{Leaf}$$

$$4 = \text{Leaf} + 4$$

$$\text{Leaf} + \text{Acorn} = \text{Pumpkin}$$

$$? = \text{Acorn} + \text{Leaf} + \text{Leaf} + \text{Pumpkin}$$

(look out for fractions!)

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 223

$$\text{Kangaroo} + \text{Crocodile} - \text{Panda} = \text{Donkey}$$

$$\text{Kangaroo} - \text{Crocodile} = 0$$

$$2 - \text{Panda} = \text{Panda}$$

$$\text{Donkey} = 8 - (4 - \text{Panda})$$

$$\text{Kangaroo} \times \text{Crocodile} \times \text{Donkey} = ?$$

Puzzle 224

$$\text{USA} + \text{Brazil} = \text{Australia} + 1$$

$$\text{USA} + \text{Sweden} + \text{Sweden} = \text{Brazil}$$

$$\text{Australia} \times \text{Sweden} = 0$$

$$1 = \text{Australia} - 4$$

$$\text{USA} \times \text{Brazil} \times \text{Australia} \times \text{Australia} = ?$$

Puzzle 225

$$\text{Vase} + \text{Vase} = \text{Dinosaur}$$

$$\text{Vase} - \text{Vase} = \text{Dinosaur} - 14$$

$$\text{Dinosaur} + \text{Maya Mask} = 15 + \text{Magnifying Glass}$$

$$\text{Magnifying Glass} = 1 \div \text{Magnifying Glass}$$

$$\text{Maya Mask} \times \text{Maya Mask} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 226

$$\begin{array}{c} \text{curling stone} \\ \times \end{array} \begin{array}{c} \text{skate mask} \\ = \end{array} \begin{array}{c} \text{skates} \end{array}$$

$$\begin{array}{c} \text{helmet} \\ - \end{array} \begin{array}{c} \text{skates} \\ = 2 \times 2 \times 2 \end{array}$$

$$\begin{array}{c} \text{skates} \\ = \end{array} \begin{array}{c} \text{skate mask} \end{array}$$

$$\begin{array}{c} \text{helmet} \\ \times \end{array} \begin{array}{c} \text{helmet} \\ = 100 \end{array}$$

$$\begin{array}{c} \text{helmet} \\ \div \end{array} \begin{array}{c} \text{curling stone} \\ \times \end{array} \begin{array}{c} \text{skates} \\ = ? \end{array}$$

Puzzle 227

$$\begin{array}{c} \text{sun} \\ + \end{array} \begin{array}{c} \text{sun} \\ = \end{array} \begin{array}{c} \text{flower} \\ + \end{array} \begin{array}{c} \text{leaf} \end{array}$$

$$\begin{array}{c} \text{rose} \\ \div \end{array} \begin{array}{c} \text{leaf} \\ = \end{array} \begin{array}{c} \text{rose} \end{array}$$

$$\begin{array}{c} \text{flower} \\ + \end{array} \begin{array}{c} \text{leaf} \\ = 8 \end{array}$$

$$\begin{array}{c} \text{flower} \\ - \end{array} \begin{array}{c} \text{rose} \\ = \end{array} \begin{array}{c} \text{leaf} \end{array}$$

$$\begin{array}{c} \text{flower} \\ \times \end{array} \begin{array}{c} \text{sun} \\ \times \end{array} \begin{array}{c} \text{leaf} \\ \times \end{array} \begin{array}{c} \text{rose} \\ = ? \end{array}$$

Puzzle 228

$$\begin{array}{c} \text{bridge} \\ + \end{array} \begin{array}{c} \text{Eiffel Tower} \\ = \end{array} \begin{array}{c} \text{bridge} \\ + \end{array} \begin{array}{c} \text{opera house} \end{array}$$

$$\begin{array}{c} \text{Colosseum} \\ + \end{array} \begin{array}{c} \text{opera house} \\ = \end{array} \begin{array}{c} \text{Eiffel Tower} \\ + 5 \end{array}$$

$$\begin{array}{c} \text{Eiffel Tower} \\ \times 2 \div 5 = 20 \end{array}$$

$$\begin{array}{c} \text{bridge} \\ + \end{array} \begin{array}{c} \text{Colosseum} \\ - 4 = 8 \end{array}$$

$$\begin{array}{c} \left(\text{bridge} - \text{Colosseum} \right) + \text{Eiffel Tower} \times \text{opera house} = ? \end{array}$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 229

$$\text{magic hat} + \text{balloon} + \text{mask} = 50$$

$$\text{magic hat} + \text{balloon} - \text{magic hat} = 41 - \text{balloon}$$

$$0 = \text{balloon} \times \text{mask}$$

$$\text{mask} + \text{mask} - \text{mask} = 9$$

$$\text{magic hat} \times \text{balloon} \times \text{mask} = ?$$

Puzzle 230

$$\text{YouTube} \times 3 + \text{Snapchat} = \text{Twitter}$$

$$42 \div \text{Twitter} = \text{Snapchat} - 7$$

$$\text{Snapchat} - 1 = \text{Instagram} + \text{Instagram}$$

$$4 \div 2 \times 2 = \text{Instagram}$$

$$\text{Twitter} - \text{YouTube} \times \text{Instagram} = ?$$

Puzzle 231

$$\text{Sea turtle} \div \text{Sea turtle} \times \text{Crab} = \text{Seagull}$$

$$\text{Crab} + \text{Seagull} = 10$$

$$\text{Sea turtle} - 1 + \text{Seagull} = \text{Fish}$$

$$\text{Fish} = \text{Sea turtle} + \text{Crab} - 1$$

$$\text{Sea turtle} - 1 + \text{Crab} = 12$$

$$\text{Sea turtle} + \text{Seagull} \times \text{Fish} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 232

$$\text{teapot} + \text{flower} - \text{teapot} + \text{flower} = \text{teapot}$$

$$\text{pillow} = \text{pillow} + \text{pillow} + \text{pillow}$$

$$12 = \text{pillow} \div 3 + \text{pillow}$$

$$\text{pillow} - \text{pillow} = \text{teapot}$$

$$\text{flower} \times \text{teapot} \times \text{pillow} = ?$$

Puzzle 233

$$\text{cupcake} \times \text{cake} = \text{strawberry} \div \text{cupcake}$$

$$\text{strawberry} \times 2 = 8 \times 8$$

$$\text{cupcake} = \text{cupcake} \div \text{ice cream}$$

$$2 = \text{cake} \times \text{ice cream}$$

$$\text{strawberry} \div \text{cupcake} \times \text{cake} = ?$$

Puzzle 234

$$\text{shoe} \times \text{sweater} \times \text{feather} = 0$$

$$\text{shoe} \times \text{sunglasses} = 15$$

$$\text{sunglasses} \times \text{feather} = 12$$

$$\text{shoe} \times \text{feather} = 20$$

$$\text{shoe} \times \text{sweater} \times \text{sunglasses} = ?$$

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 235

$$\begin{array}{l} \text{balloon dog} \div \text{target} = \text{trampoline} \\ \text{trampoline} = 1 - \text{trampoline} \\ \text{target} \times \text{trampoline} = \text{balloon dog} \\ 6 = 42 \div \text{balloon dog} \\ \text{trampoline} + \text{trampoline} = 1 \\ \text{target} \div \text{balloon dog} \times \text{trampoline} = ? \end{array}$$

(look out for fractions!)

Puzzle 236

$$\begin{array}{l} \text{koala} \times \text{koala} \times \text{koala} = 27 \\ \text{koala} \times \text{monkey} = \text{sheep} \times \text{raccoon} \\ \text{raccoon} \times \text{sheep} = 18 \\ \text{sheep} - \text{raccoon} = \text{raccoon} \\ \text{monkey} \times \text{sheep} \times \text{raccoon} = ? \end{array}$$

Puzzle 237

$$\begin{array}{l} \text{globe} + \text{globe} = \text{speech bubble} \\ \text{speech bubble} - \text{speech bubble} = 3 \\ \text{speech bubble} = 8 - \text{speech bubble} \\ \text{envelope} + \text{speech bubble} = 12 \\ \text{globe} + \text{speech bubble} + \text{envelope} + \text{globe} = ? \end{array}$$

(look out for fractions!)

Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol and the '?'. Be sure to show your work!

Puzzle 238

$$\text{camera} \times \text{camera} \div \text{battery} = 5$$

$$200 = \text{battery} \times \text{camera}$$

$$\text{drone} = \text{battery} \div \text{camera}$$

$$40 = \text{light} \div \text{drone}$$

$$\text{drone} \times \text{battery} \times \text{light} = ?$$

Puzzle 239

$$\text{burrito} = \text{taco} \times \text{taco} \times \text{taco}$$

$$\text{burrito} \times 9 \times \text{burrito} = 729$$

$$\text{burrito} \times \text{taco} \times \text{burrito} = 162$$

$$\text{taco} \times \text{burrito} \times \text{burrito} = ?$$

$$\text{burrito} \times \text{taco} \times \text{taco} = ?$$

$$\text{burrito} \times \text{burrito} \times \text{taco} = ?$$

Puzzle 240

$$\text{earth} - \text{wave} = 9$$

$$96 = 8 \times \text{earth}$$

$$\text{light} = \text{purple} \quad \uparrow \downarrow$$

$$\text{purple} + \text{light} + \text{light} = 99$$

$$\text{purple} + \text{wave} - \text{earth} + \text{light} = ?$$

Opposite Day Puzzle!
(this puzzle has two solutions: solve it right-side up and upside down to find both!)

PUZZLES 241-270

MULTIPLICATION TABLES

DIFFICULTY LEVEL:

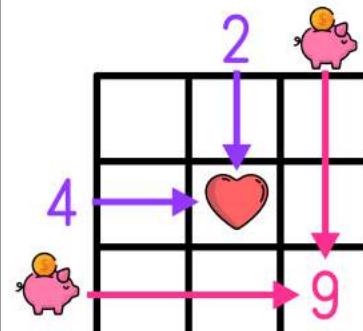
241-249: PINK (1-2)

250-258: BLUE (3-4)

259-264: BLUE/GREEN (5-6+)

265-270: GREEN (5-6+)

Multiplication tables work like a Bingo Board where each box represents the product of its corresponding column and row.



$$\heartsuit = 2 \times 4 \rightarrow \heartsuit = 8$$

$$9 = \text{piggy bank} \times \text{piggy bank} \rightarrow \text{piggy bank} = 3$$



Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol in the multiplication tables below.

Puzzle 241

	1	2		
			6	9
4	4		12	
		10	15	

	<input type="text"/>
	<input type="text"/>
	<input type="text"/>

Puzzle 242

	2		5	
		2		5
4		12	20	
5		15		

	<input type="text"/>
	<input type="text"/>
	<input type="text"/>
	<input type="text"/>
	<input type="text"/>

Puzzle 243

	1	2	3
4			
5		10	
6			

	<input type="text"/>		<input type="text"/>		<input type="text"/>
	<input type="text"/>		<input type="text"/>		
	<input type="text"/>		<input type="text"/>		

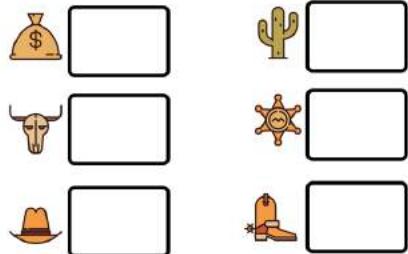
Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol in the multiplication tables below.

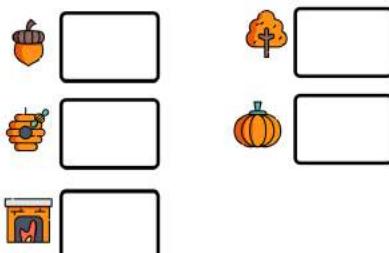
Puzzle 244

2		
		0
		
	10	



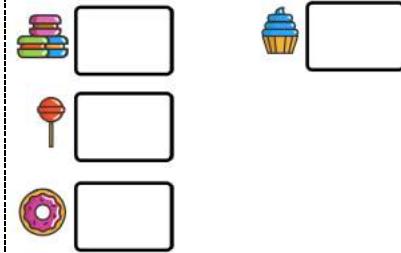
Puzzle 245

	2	
	1	
	3	
	12	



Puzzle 246

		
	6	8
	6	12
	8	



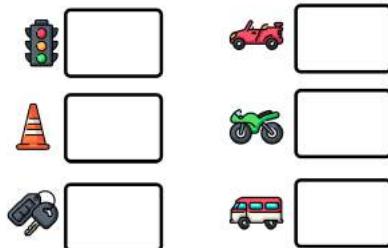
Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol in the multiplication tables below.

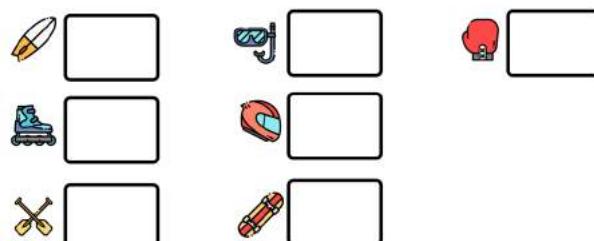
Puzzle 247

0		2
	0	
		12
	0	



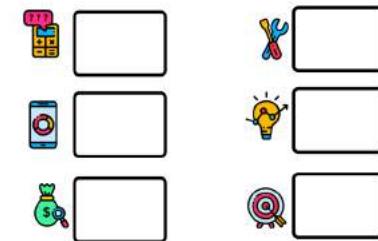
Puzzle 248

2		
	40	12
	10	



Puzzle 249

8		
	0	
	8	
	16	



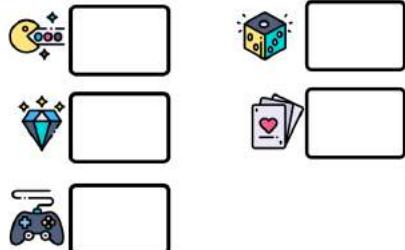
Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol in the multiplication tables below.

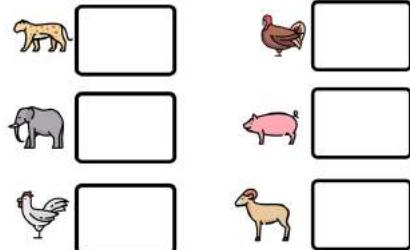
Puzzle 250

2		
		15
4		20
	12	30
		18
		36



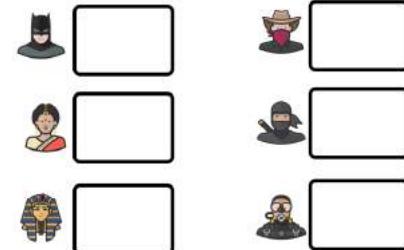
Puzzle 251

4		
2		
3		18
		21
		48
		



Puzzle 252

		
		
		25
9	27	36
		45



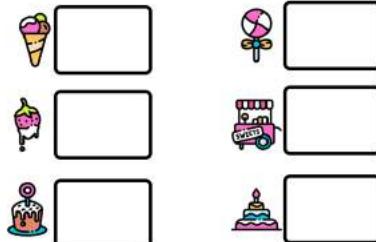
Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol in the multiplication tables below.

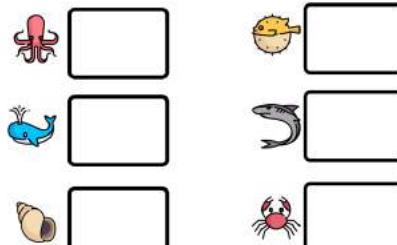
Puzzle 253

			3
5	10		15
	8		
8			24



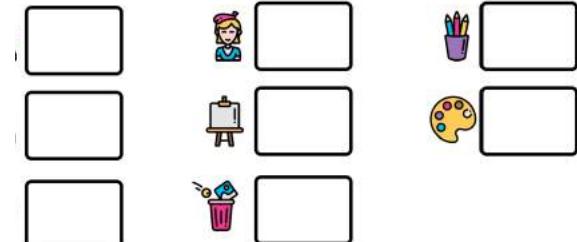
Puzzle 254

2			
			9
9			36



Puzzle 255

			3
2			
		25	
	48	30	



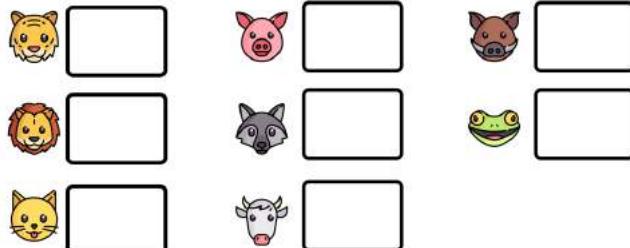
Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol in the multiplication tables below.

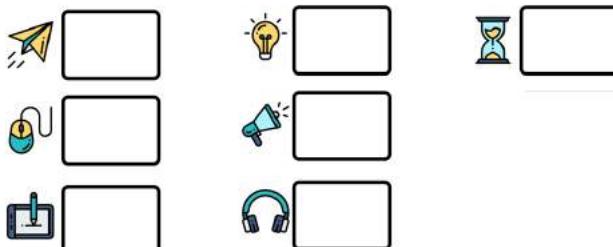
Puzzle 256

			3
2			
	0	64	
		48	



Puzzle 257

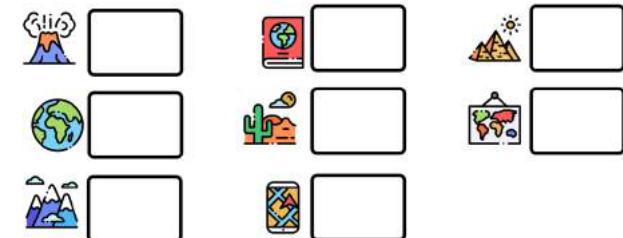
3	4	5
		
	32	
		



Puzzle 258

		
35		
49		

63 81 108



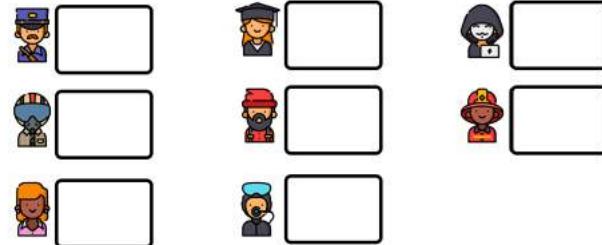
Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol in the multiplication tables below.

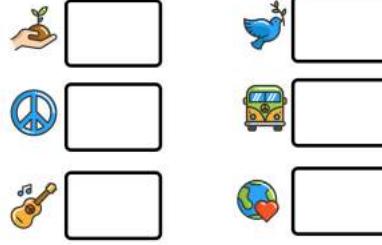
Puzzle 259

5		7
		36
7		
		40



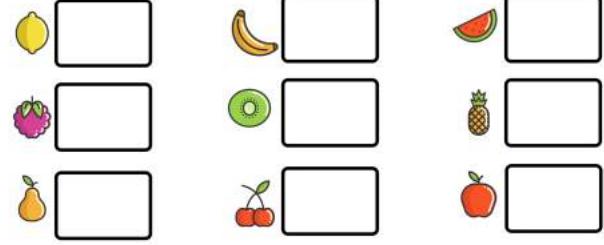
Puzzle 260

		9
12		



Puzzle 261

	7	
8		
	8	24



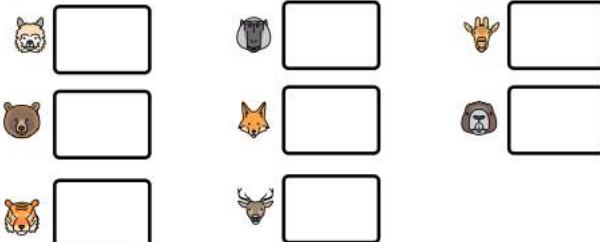
Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol in the multiplication tables below.

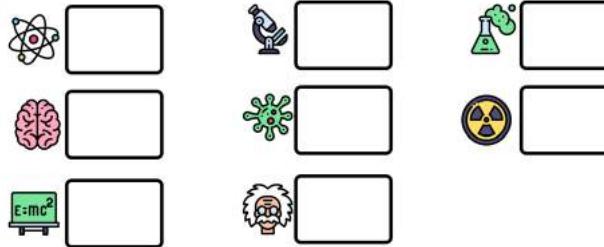
Puzzle 262

			3
2			
		25	
	48	30	



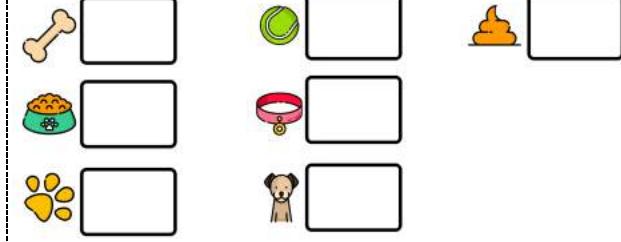
Puzzle 263

	8	
	36	72
10		
	44	



Puzzle 264

		14	
	32		
7			35
	40	70	



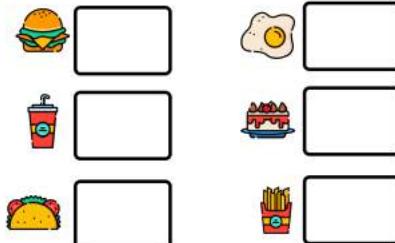
Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol in the multiplication tables below.

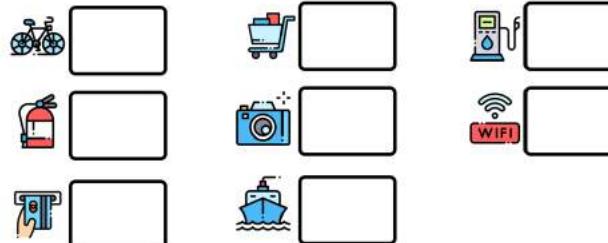
Puzzle 265

4		
		128
10	40	80



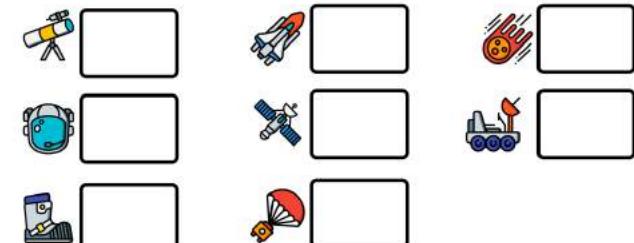
Puzzle 266

20			6
	27	81	



Puzzle 267

	90	
	0	



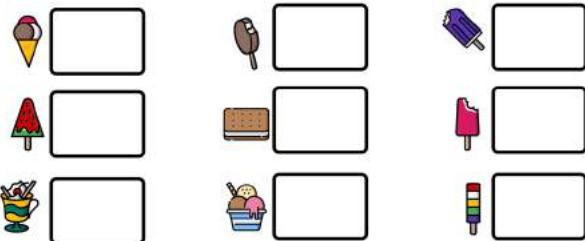
Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol in the multiplication tables below.

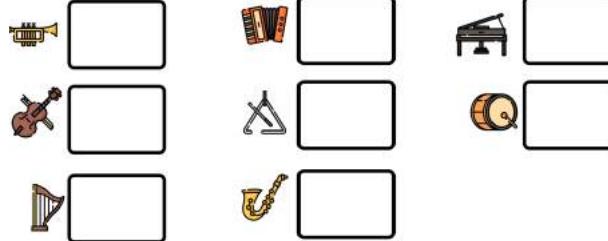
Puzzle 268

			
4			
	25		75
6			



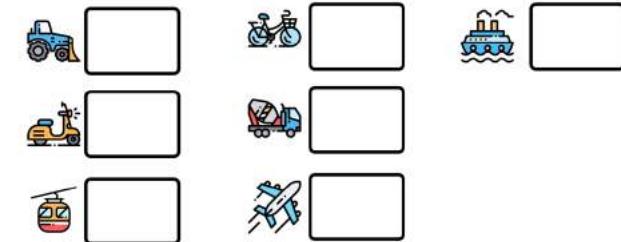
Puzzle 269

				18
				9
				27



Puzzle 270

		9	
		18	
10		54	
		150	
	45		



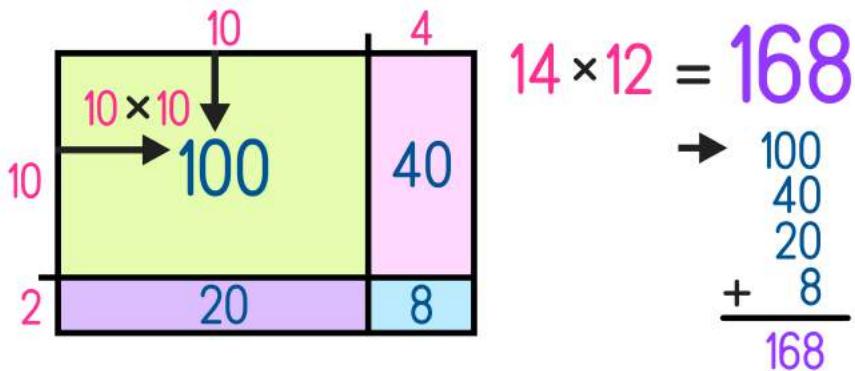
PUZZLES 271-279

AREA MODELS (NOT DRAWN TO SCALE)

DIFFICULTY LEVEL:
BLUE (3-4) / GREEN (5-6+)



Area Models work like a Bingo Board where each box represents the product of its corresponding column and row and the sum of all four inner boxes represents the total.



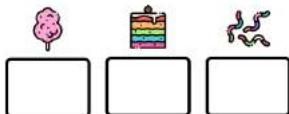
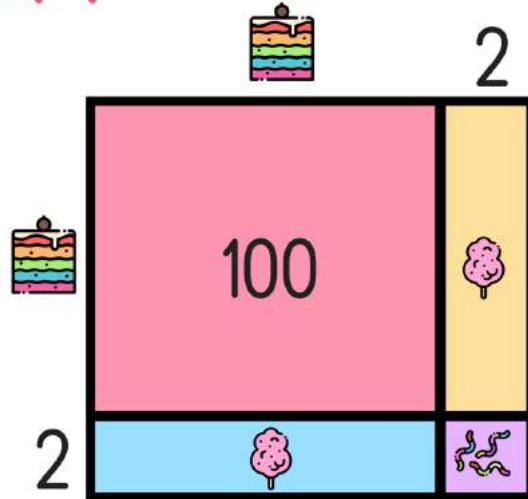
Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol in the area models below where the total sum is given.

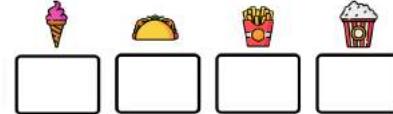
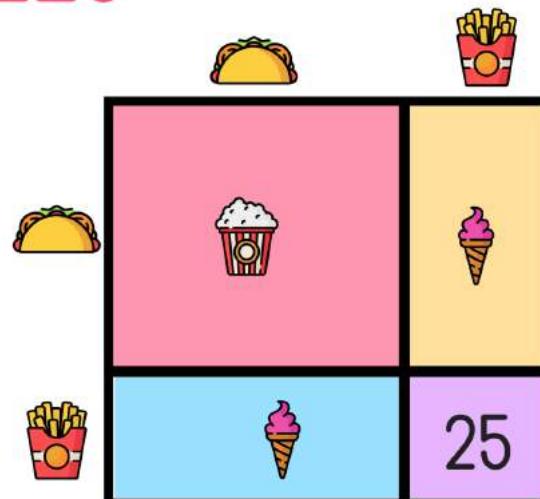
Puzzle 271

144



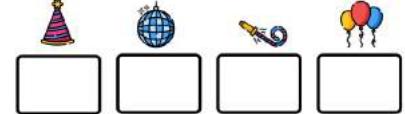
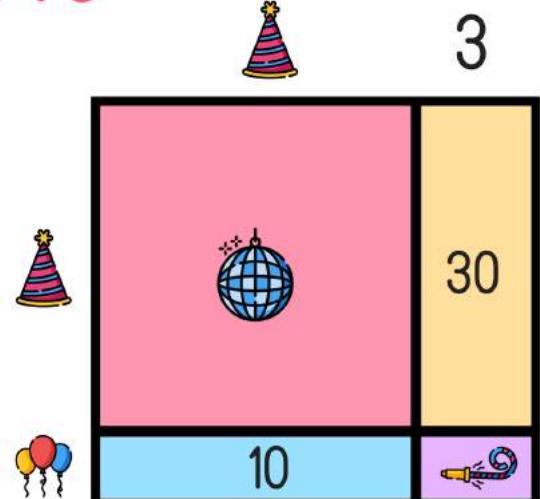
Puzzle 272

225



Puzzle 273

143



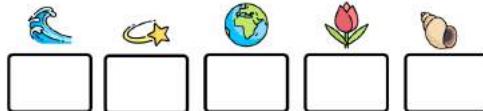
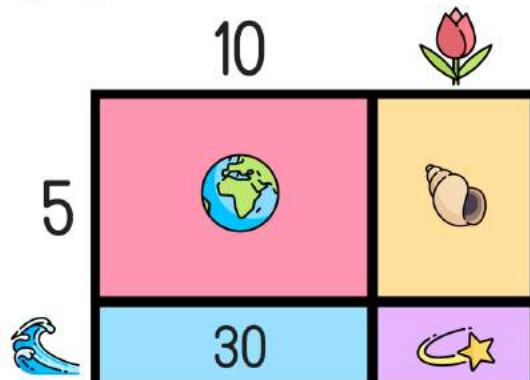
Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol in the area models below where the total sum is given.

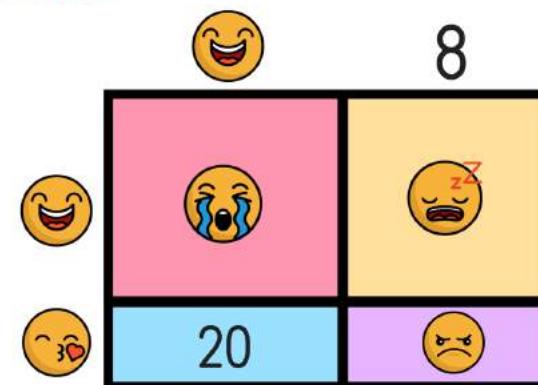
Puzzle 274

144



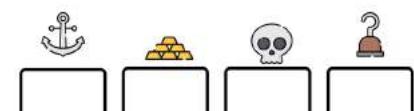
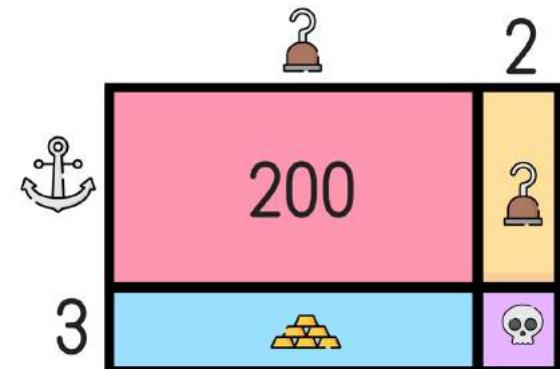
Puzzle 275

216



Puzzle 276

286



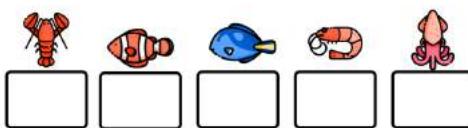
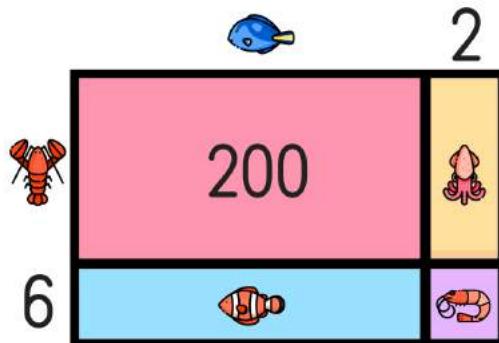
Name: _____

Date: _____

Directions: Use your math skills to find the value of each symbol in the area models below where the total sum is given.

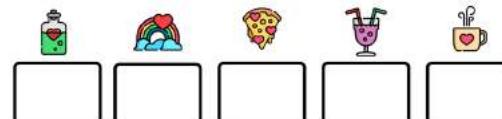
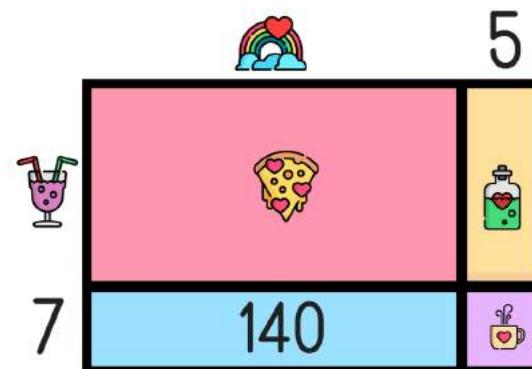
Puzzle 277

352



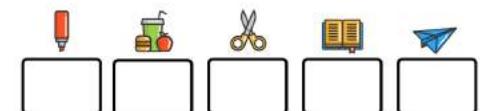
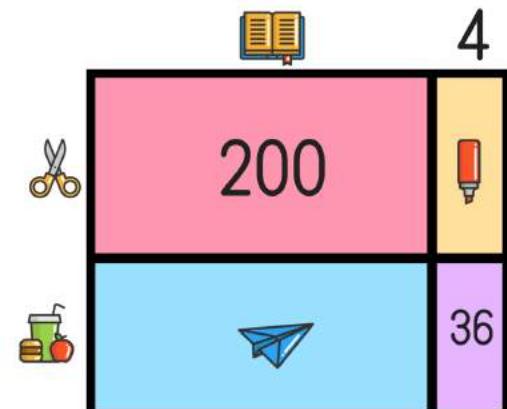
Puzzle 278

425



Puzzle 279

456



PUZZLES 280-297

TWO TRUTHS & ONE LIE!

DIFFICULTY LEVEL:

281-285: PINK (1-2)

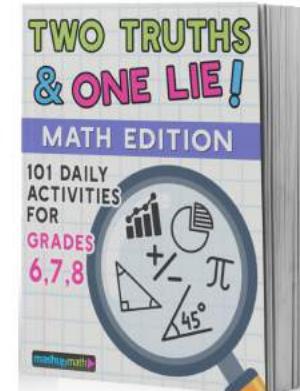
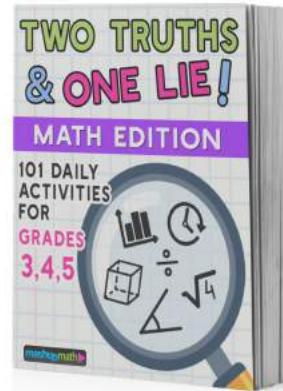
286-291: BLUE (3-4)

292-297: GREEN (5-6+)



mashupmath

The activities in this section are samples from the following workbooks:



You can learn more about Two Truths and One Lie math activities and get your workbook for grades 3-5 or 6-8 by visiting



www.mashupmath.com/shop

Name: _____

Date: _____

TWO TRUTHS + ONE LIE

Directions: In each example, determine which of the three given statements is a lie and explain why.

Puzzle 280

$$\begin{array}{rcl} \text{apple} = 2 & \text{strawberry} = 4 & \text{banana} = 5 \end{array}$$

1  +  = 

2  +  = 8

3  +  =  + 1

Puzzle 281

$$\begin{array}{rcl} \text{pig} = 1 & \text{monkey} = 2 & \text{cat} = 4 \end{array}$$

1  =  + 

2  +  +  = 

3  -  = 

Puzzle 282

$$\begin{array}{rcl} \text{robot} = 3 & \text{boy} = 5 & \text{girl} = 6 \end{array}$$

1  +  = 10

2  +  =  + 4

3  +  = 13

Name: _____

Date: _____

TWO TRUTHS + ONE LIE

Directions: In each example, determine which of the three given statements is a lie and explain why.

Puzzle 283

$$\begin{array}{rcl} \text{calculator} = 2 & \text{drum} = 5 & \text{bucket} = 7 \end{array}$$

1  \times  = 

2  +  = 

3  +  = 4 + 

Puzzle 284

$$\begin{array}{rcl} \text{cupcake} = 1 & \text{ice cream} = 2 & \text{cake} = 10 \end{array}$$

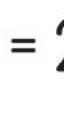
1  =  + 

2  \times  = 22

3    = 23

Puzzle 285

$$\begin{array}{rcl} \text{panda} = 7 & \text{cat} = 8 & \text{dog} = 9 \end{array}$$

1    = 25

2  -  = 10 - 

3   =  + 10

Name: _____

Date: _____

TWO TRUTHS + ONE LIE**Directions:** In each example, determine which of the three given statements is a lie and explain why.

Puzzle 286

$$\begin{array}{ccc} \text{fish} = 1 & \text{ring} = 1 & \text{lime} = 1 \end{array}$$

- 1 $4 + 4 + 4 + 4$

- 2 3 times 2

- 3 5 groups of three

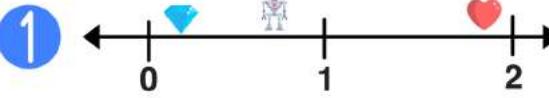
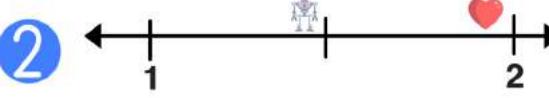

Puzzle 287

$$\begin{array}{ccc} \text{cake} = \frac{1}{5} & \text{coffee} = \frac{2}{5} & \text{croissant} = \frac{4}{5} \end{array}$$

- 1 $\text{croissant} + \text{cake} = 1 \text{ whole}$
- 2 $\text{coffee} + \text{coffee} = \text{croissant}$
- 3 $\text{cake} + \frac{4}{10} = \text{coffee}$

Puzzle 288

$$\begin{array}{ccc} \text{heart} = \frac{9}{5} & \text{statue} = \frac{7}{9} & \text{diamond} = \frac{1}{5} \end{array}$$

- 1 
- 2 
- 3 

Name: _____

Date: _____

TWO TRUTHS + ONE LIE

Directions: In each example, determine which of the three given statements is a lie and explain why.

Puzzle 289

$$\begin{array}{rcl} 7 \times \text{cow} & = & 700 \\ \text{cow} \times \text{bull} & = & 1,000 \end{array}$$

1  = 100

2  +  = 1,010

3 10 = 

Puzzle 290


24oz 16oz 8oz

1  +  = 2lb

2  -  = 1lb

3  +  +  = 3lb

Puzzle 291


= 5 = 12 = 25

1  = 0.1 × 5 = 0.5

2  = 0.1 × 12 = 1.2

3  = 0.1 × 25 = 0.25

Name: _____

Date: _____

TWO TRUTHS + ONE LIE

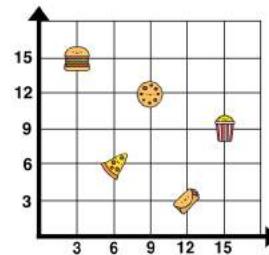
Directions: In each example, determine which of the three given statements is a lie and explain why.

Puzzle 292

$$\text{Pumpkin} = 4 \quad \text{Ninja} = 10 \quad \text{Wizard Hat} = 21$$

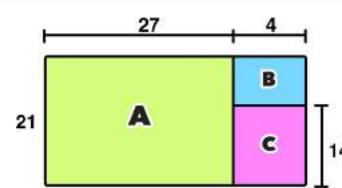
- 1 The sum of  and  doubled is 50.
- 2 Five times the sum of  and  is 150.
- 3 Triple the sum of  and  is 93.

Puzzle 293



- 1 The coordinate pair of  is (9,15)
- 2 The coordinate pair of  is (3,15)
- 3 The coordinate pair of  is (6,6)

Puzzle 294



- 1 The **area of A** is 567 square units.
- 2 The **area of C** is 56 square units.
- 3 The **area of B** is 16 square units.

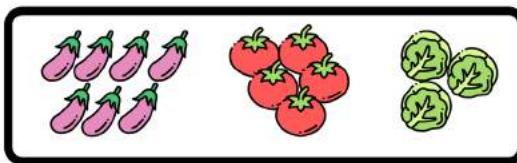
Name: _____

Date: _____

TWO TRUTHS + ONE LIE

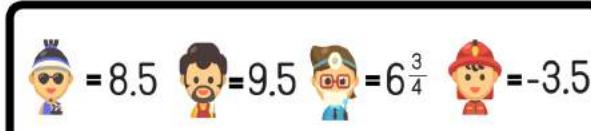
Directions: In each example, determine which of the three given statements is a lie and explain why.

Puzzle 295



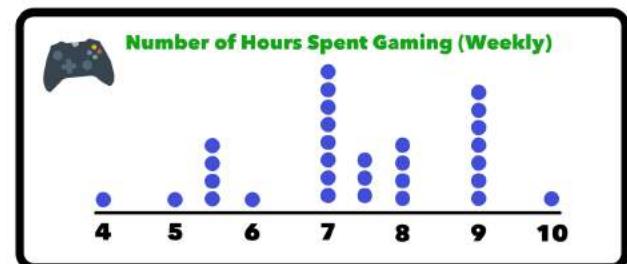
- 1 The ratio of to is 5 to 7.
- 2 The ratio of to is 3 to 7.
- 3 The ratio of to is 5 to 3.

Puzzle 296



- 1 $> 10 >$
- 2 $<$ $<$
- 3 $<$ $<$

Puzzle 297



- 1 The **least number** of hours spent gaming was 4.
- 2 7 is the **most common number** of hours spent gaming.
- 3 The **center of the data set** is between 5 and 7.

PUZZLES 298-315

WHICH ONE DOESN'T BELONG?

DIFFICULTY LEVEL: ALL

Engaging in *WODB?* activities at the start of a math lesson is a great way to ignite student thinking, spark creativity, and build anticipation.

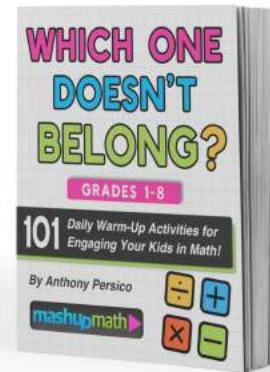
Even if students are not directly engaged in mathematical problem-solving, their curiosity and interest will carry on throughout the day's lesson.

Remember! *WODB?* activities do not have a single correct answer - the idea is to get students thinking and reasoning mathematically!

Learn More: www.mashupmath.com/blog/wodb



The activities in this section are samples from:



You can learn more about Which One Doesn't Belong? activities and get your workbook for grades 1-8 by visiting

www.mashupmath.com/shop



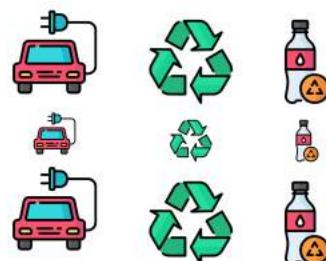
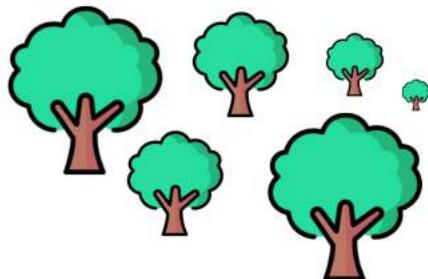
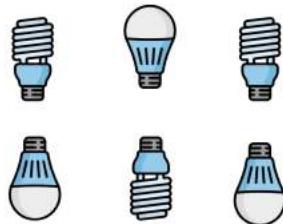
Name: _____

Date: _____

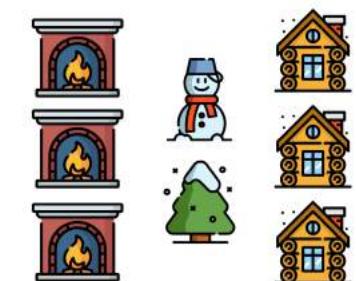
WHICH ONE DOESN'T BELONG?

Directions: In each example, determine which of the four numbers, images, or sets of objects does not belong with the other three and explain why you made your choice in writing.

Puzzle 298



Puzzle 299



Name: _____

Date: _____

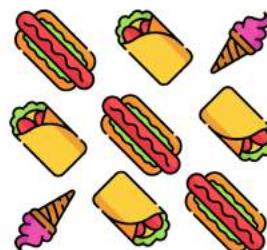
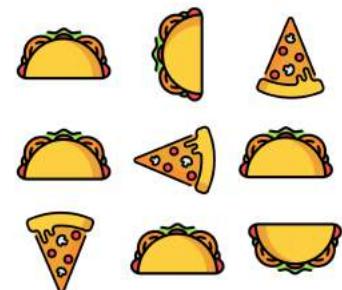
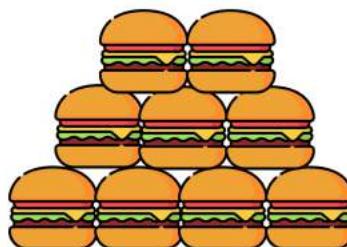
WHICH ONE DOESN'T BELONG?

Directions: In each example, determine which of the four numbers, images, or sets of objects does not belong with the other three and explain why you made your choice in writing.

Puzzle 300



Puzzle 301



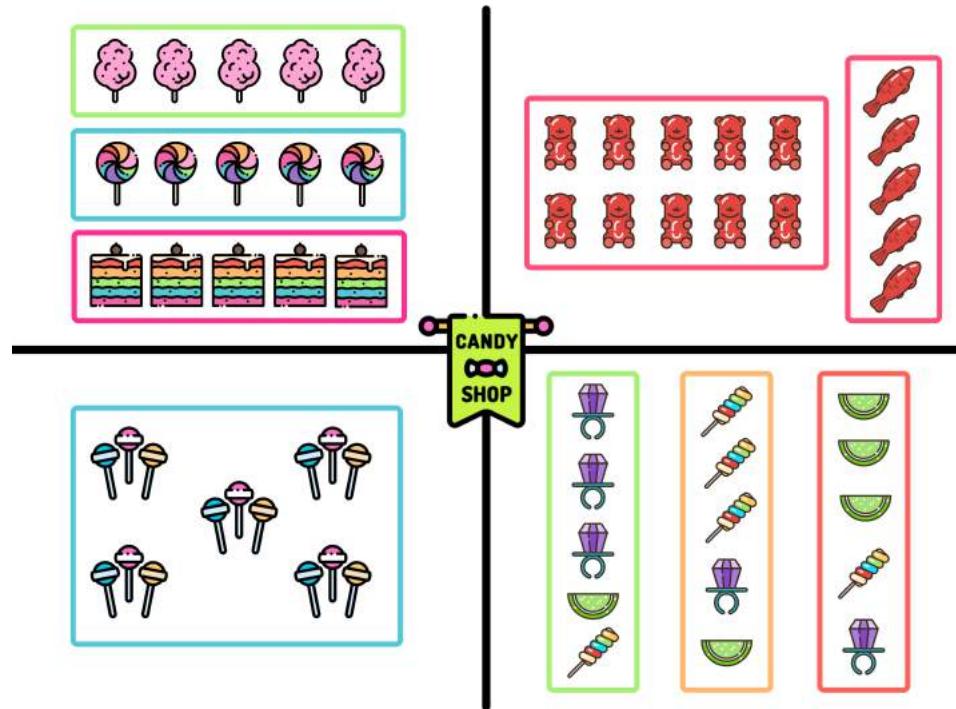
Name: _____

Date: _____

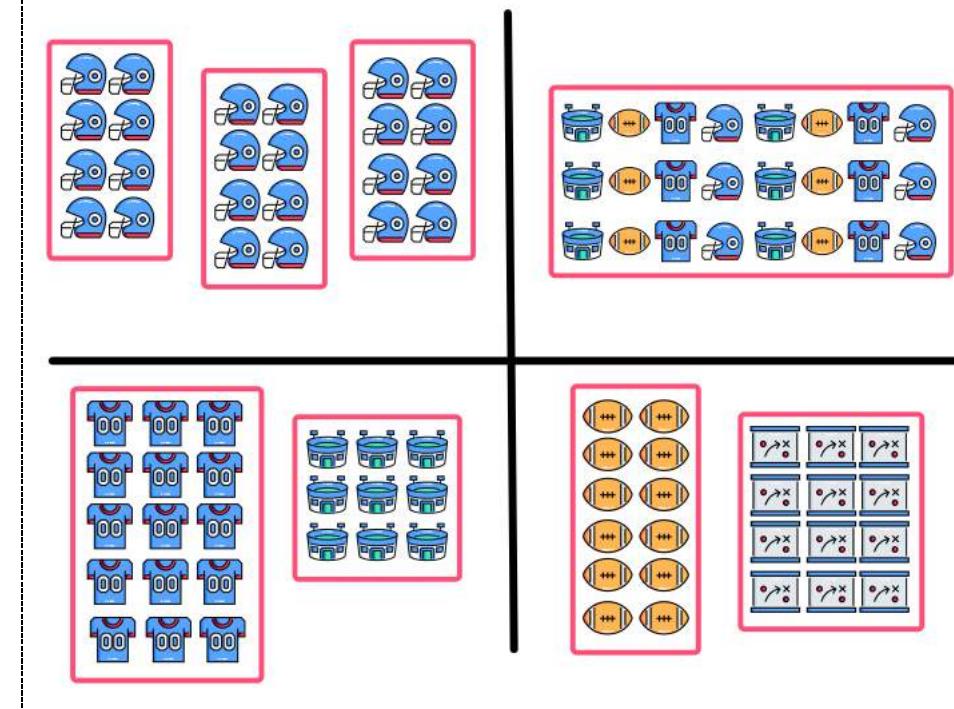
WHICH ONE DOESN'T BELONG?

Directions: In each example, determine which of the four numbers, images, or sets of objects does not belong with the other three and explain why you made your choice in writing.

Puzzle 302



Puzzle 303



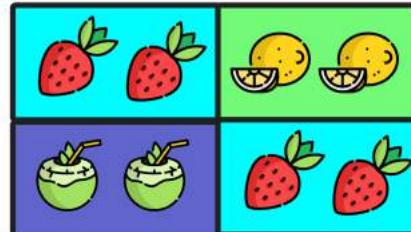
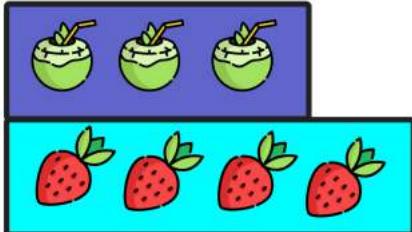
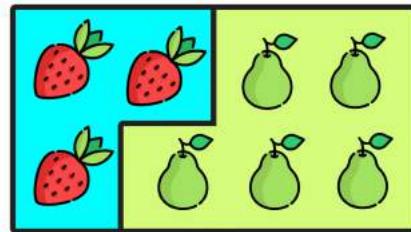
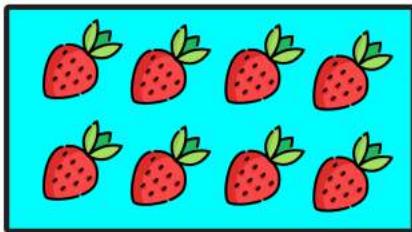
Name: _____

Date: _____

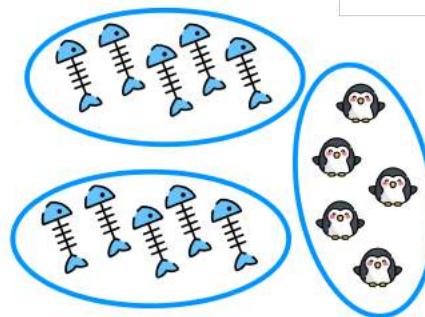
WHICH ONE DOESN'T BELONG?

Directions: In each example, determine which of the four numbers, images, or sets of objects does not belong with the other three and explain why you made your choice in writing.

Puzzle 304



Puzzle 305



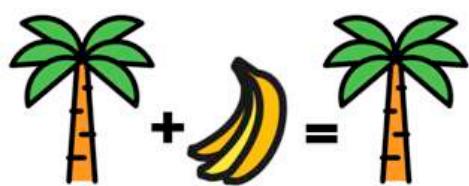
Name: _____

Date: _____

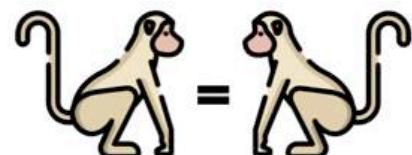
WHICH ONE DOESN'T BELONG?

Directions: In each example, determine which of the four numbers, images, or sets of objects does not belong with the other three and explain why you made your choice in writing.

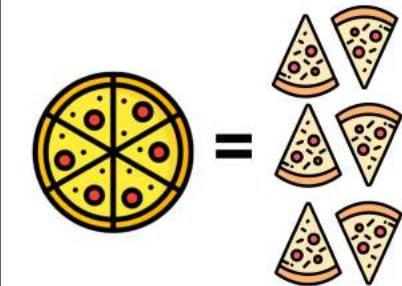
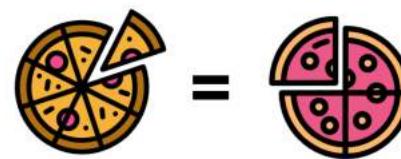
Puzzle 306



$$\text{bananas} \times 7 = \text{bananas}$$



Puzzle 307



$$\text{tomato} + \text{tomato} + \text{tomato} = 6$$



Name: _____

Date: _____

WHICH ONE DOESN'T BELONG?

Directions: In each example, determine which of the four numbers, images, or sets of objects does not belong with the other three and explain why you made your choice in writing.

Puzzle 308



Puzzle 309



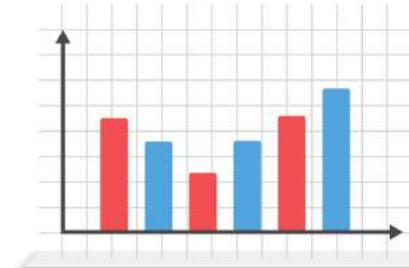
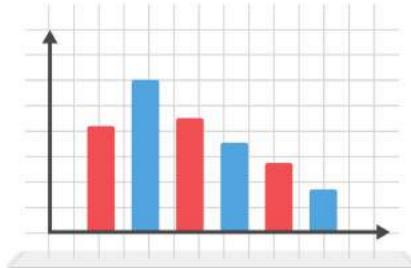
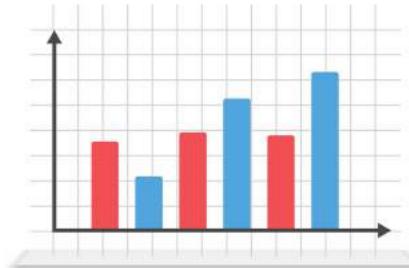
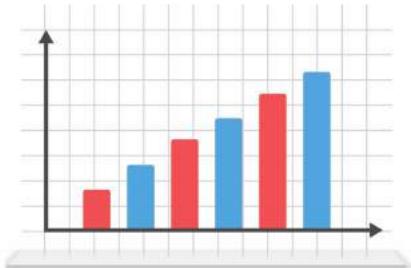
Name: _____

Date: _____

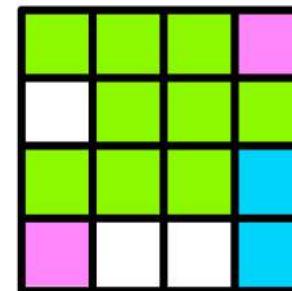
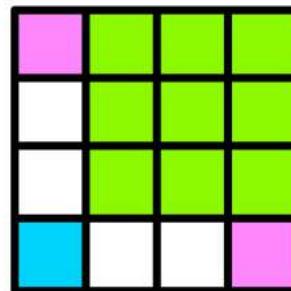
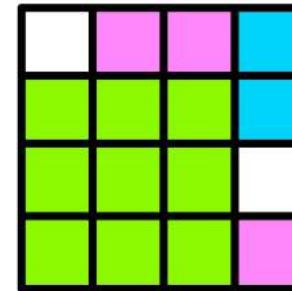
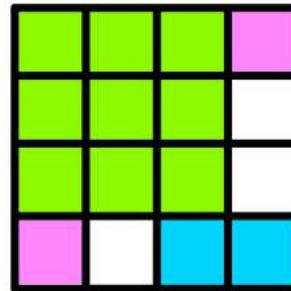
WHICH ONE DOESN'T BELONG?

Directions: In each example, determine which of the four numbers, images, or sets of objects does not belong with the other three and explain why you made your choice in writing.

Puzzle 310



Puzzle 311



Name: _____

Date: _____

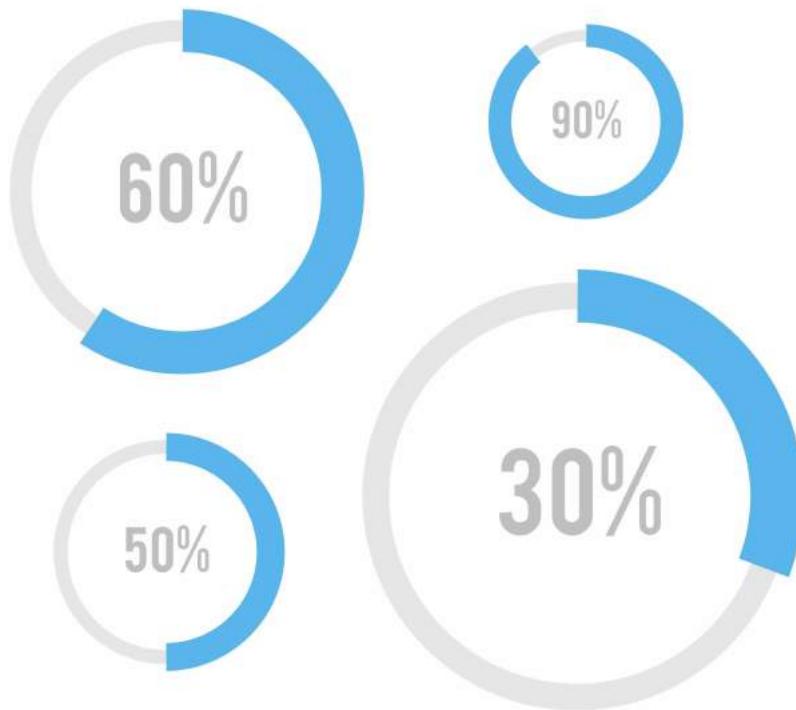
WHICH ONE DOESN'T BELONG?

Directions: In each example, determine which of the four numbers, images, or sets of objects does not belong with the other three and explain why you made your choice in writing.

Puzzle 312



Puzzle 313



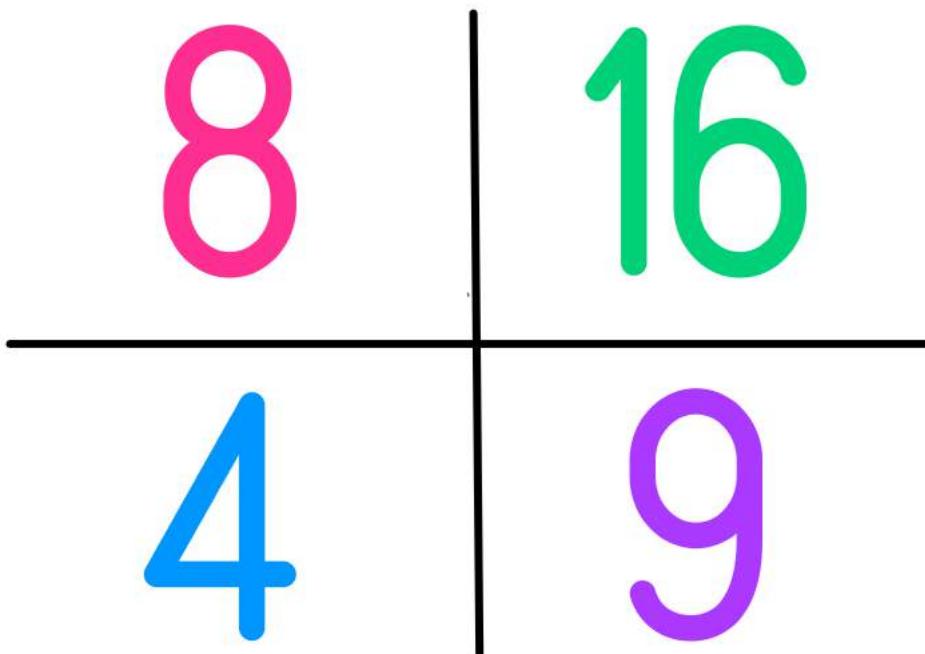
Name: _____

Date: _____

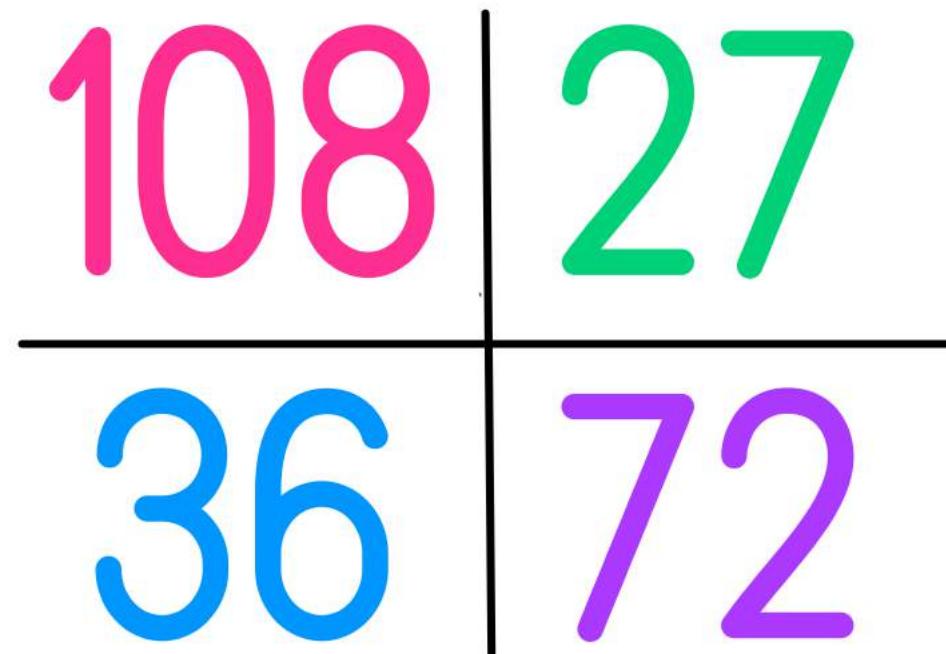
WHICH ONE DOESN'T BELONG?

Directions: In each example, determine which of the four numbers, images, or sets of objects does not belong with the other three and explain why you made your choice in writing.

Puzzle 314



Puzzle 315

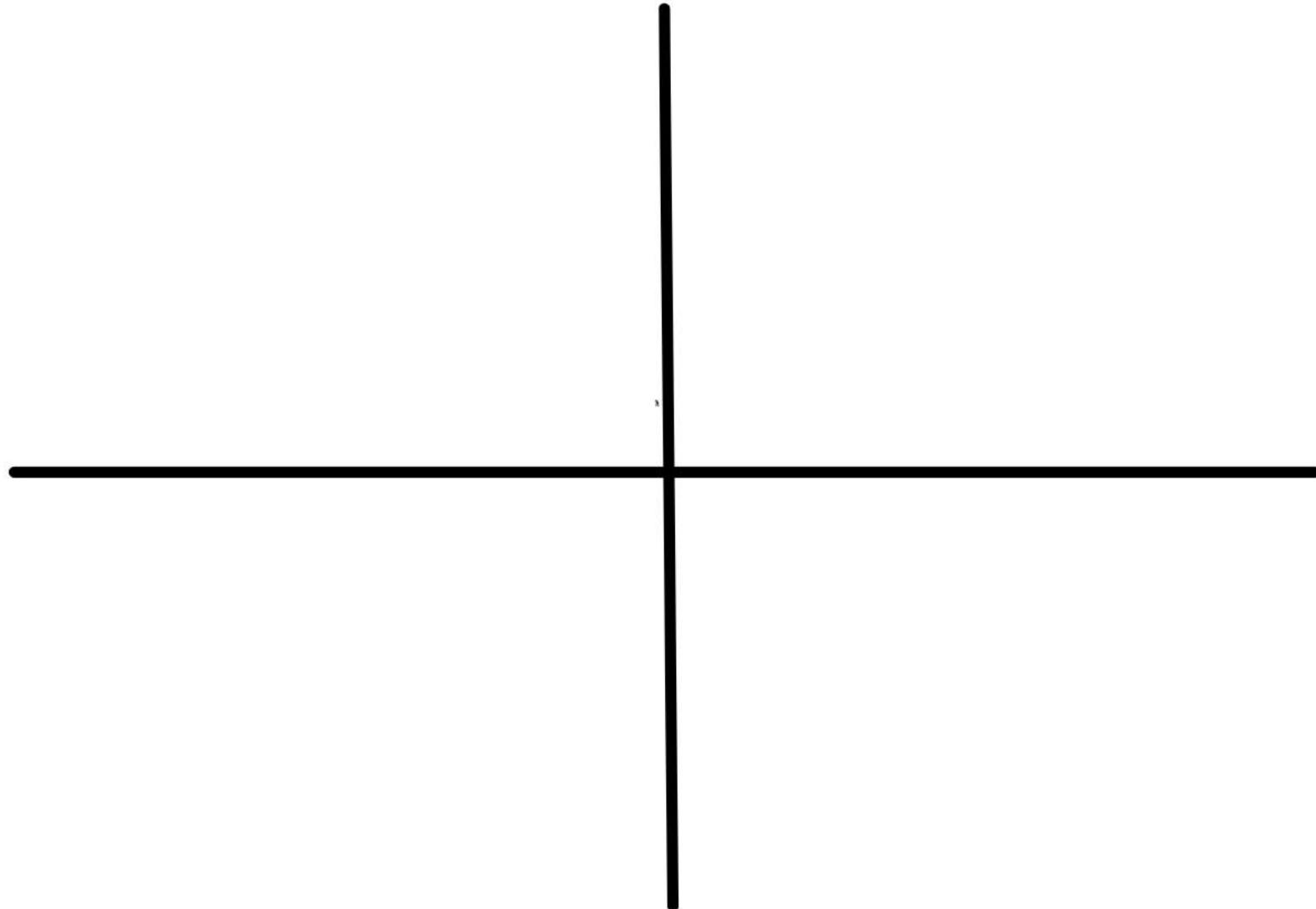


Name: _____

Date: _____

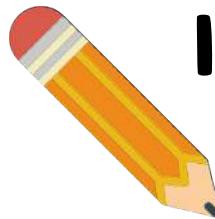
WHICH ONE DOESN'T BELONG?

Directions: In each example, determine which of the four numbers, images, or sets of objects does not belong with the other three and explain why you made your choice in writing.



Template

PUZZLES 316-331



I THINK... I NOTICE... I WONDER... WRITING PROMPTS

DIFFICULTY LEVEL: ALL

Think-Notice-Wonder (TNW) activities are becoming immensely popular with math teachers at every level because of their effectiveness in getting students to think deeply about mathematics and then organize and express those thoughts in writing.

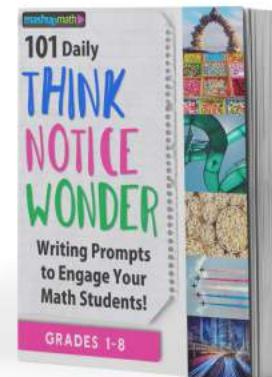
The best way to use TNW activities is to share a graphic with your students every day along with a writing prompt asking students to complete the statements...

I think... I notice... I wonder...

Learn More: www.mashupmath.com/blog/tnw



The activities in this section are samples from:



You can learn more about Think-Notice-Wonder activities and get your workbook for grades 1-8 by visiting

www.mashupmath.com/shop



Name: _____

Date: _____



THINK, NOTICE, & WONDER



Directions: Complete each of the following statements based on your observations of today's image or graphic:

I THINK: _____

I NOTICE: _____

I WONDER: _____



Name: _____

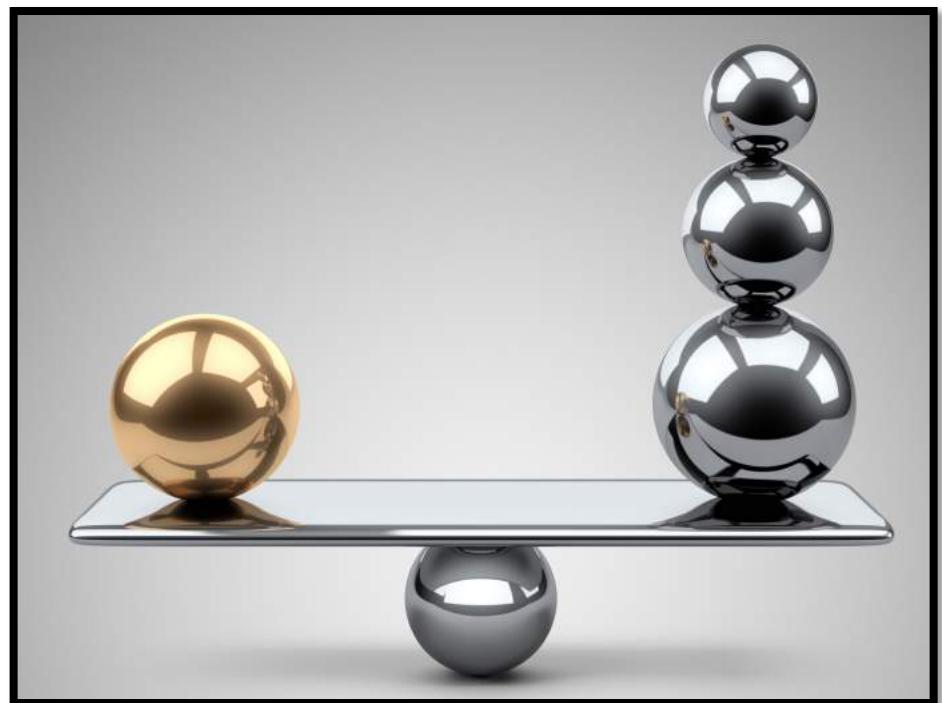
Date: _____

I THINK... I NOTICE... I WONDER...

Puzzle 316



Puzzle 317



Name: _____

Date: _____

I THINK... I NOTICE... I WONDER...

Puzzle 318



Puzzle 319



Name: _____

Date: _____

I THINK... I NOTICE... I WONDER...

Puzzle 320



Puzzle 321



Name: _____

Date: _____

I THINK... I NOTICE... I WONDER...

Puzzle 322



Puzzle 323



Name: _____

Date: _____

I THINK... I NOTICE... I WONDER...

Puzzle 324



Puzzle 325

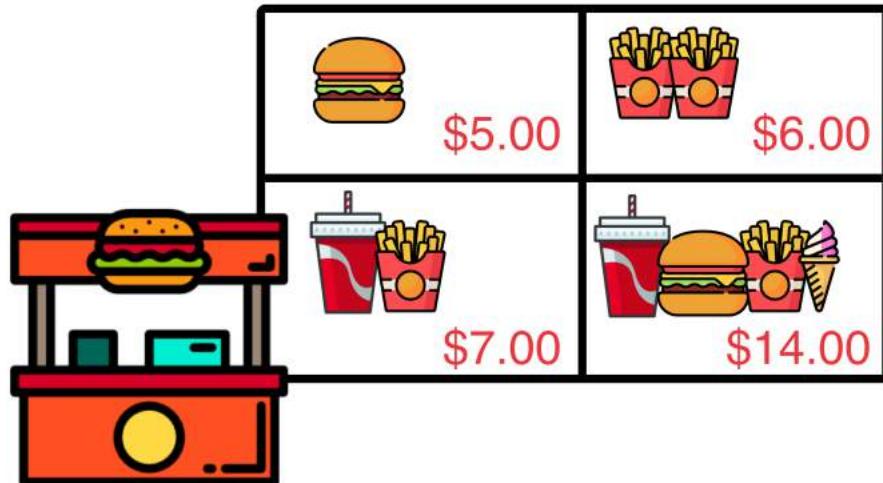


Name: _____

Date: _____

I THINK... I NOTICE... I WONDER...

Puzzle 326



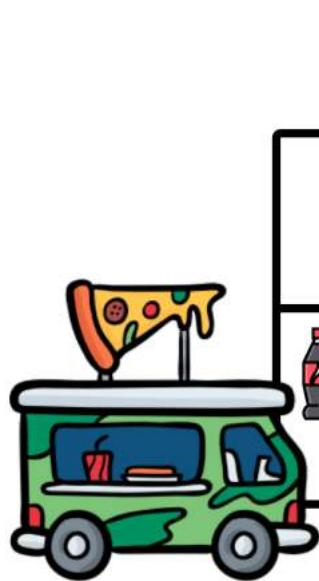
Puzzle 327



Name: _____

Date: _____

I THINK... I NOTICE... I WONDER...



Puzzle 328

	
\$4.00	\$6.50
	
\$13.00	\$20.25

Puzzle 329



 93.00



 89.50



 55.25

Name: _____

Date: _____

I THINK... I NOTICE... I WONDER...

Puzzle 330

SHOE SALE!

Get 50% Off Any Two Pairs of Shoes!

OR

Buy Any One Pair of Shoes and Get the Second Pair Free!
(Discount Applies to Less Expensive Pair)



\$99.99



\$69.99



\$29.99



\$49.99

Puzzle 331

ELECTRONICS SALE!

Bundle and Save!



\$499



BUNDLE A
\$1,298



BUNDLE B
\$1,298

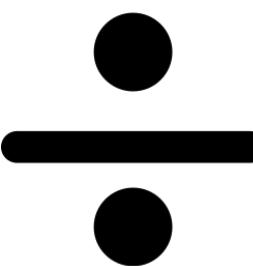
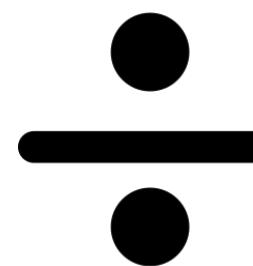
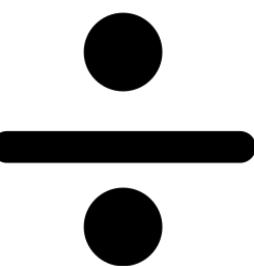
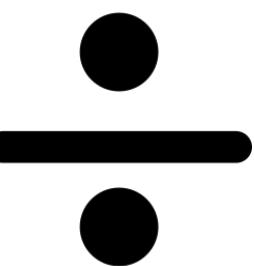
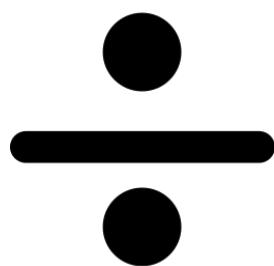
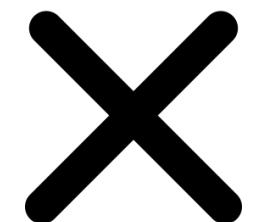
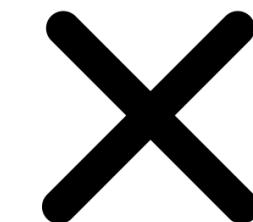
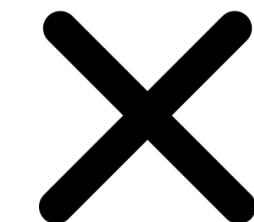
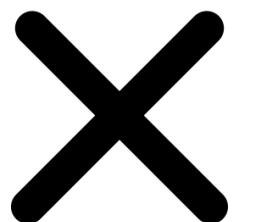
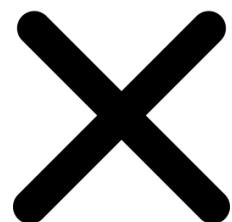
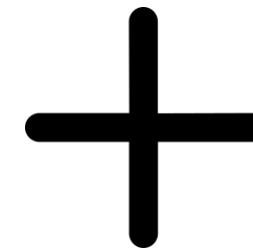
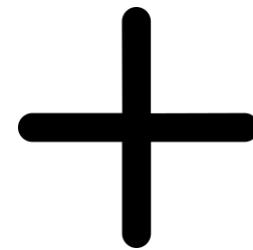
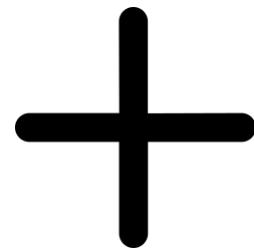
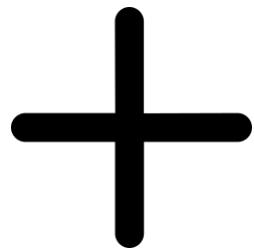
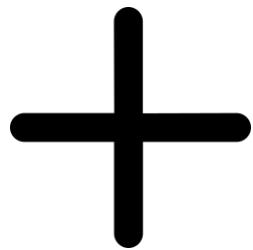


BUNDLE C
\$1,398

MAKE YOUR OWN MATH PUZZLES!

Grab some scissors and give this super fun hands-on activity a try with your students today! Students love to make their own puzzles and then swap them with classmates.







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20	24	25	30	36
40	49	50	54	60
64	70	72	80	81
90	92	99	100	108

xx

121

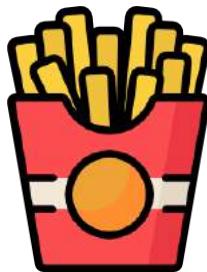
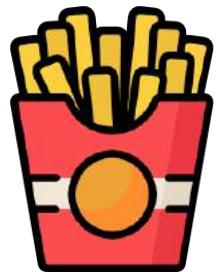
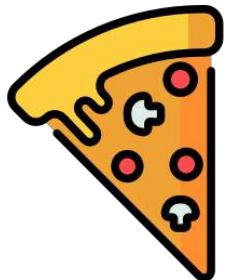
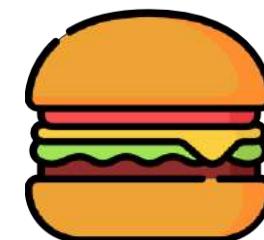
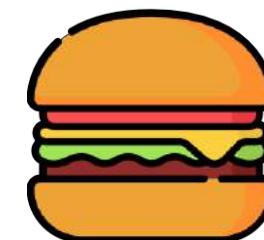
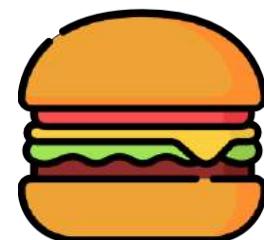
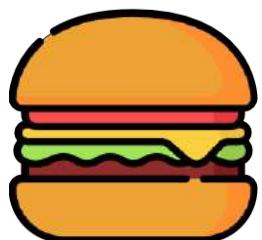
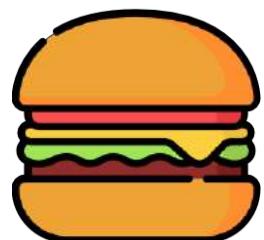
144

169

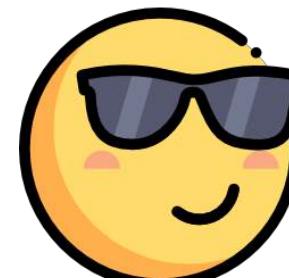
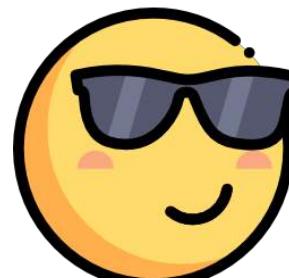
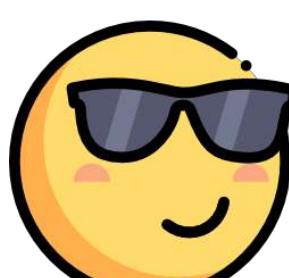
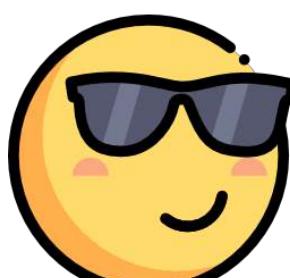
196

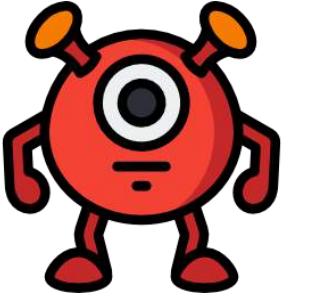
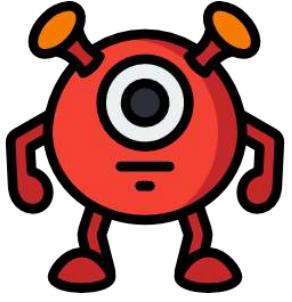
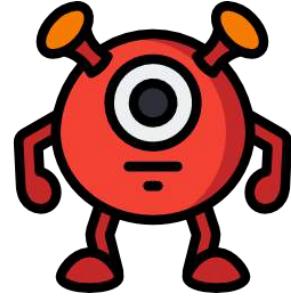
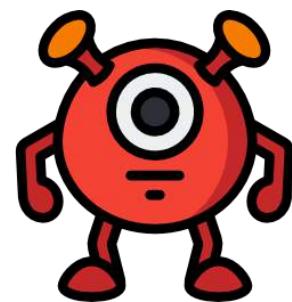
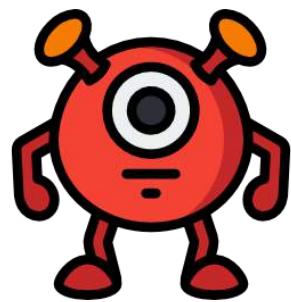
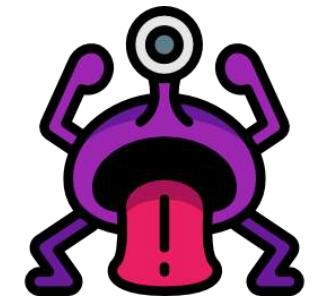
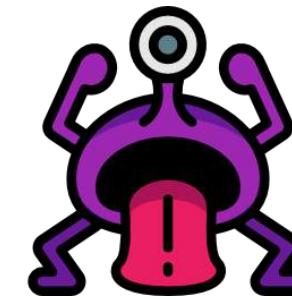
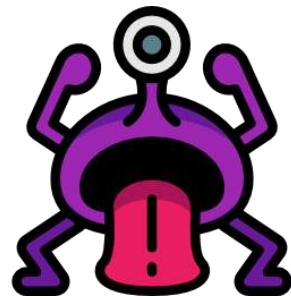
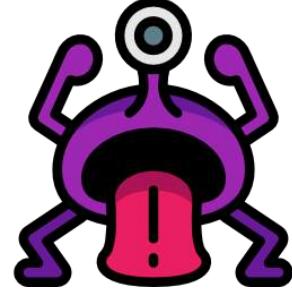
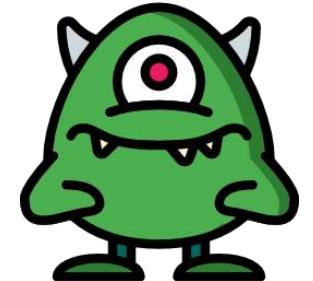
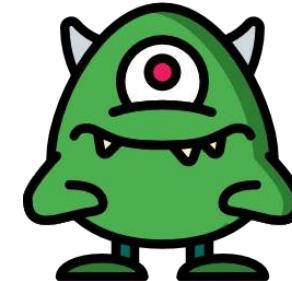
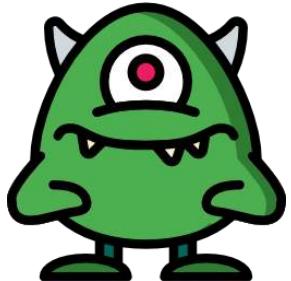
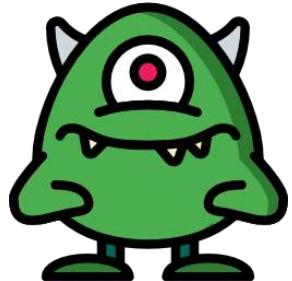
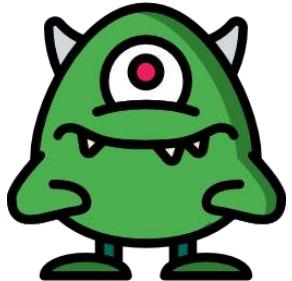
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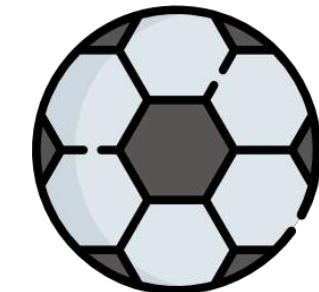
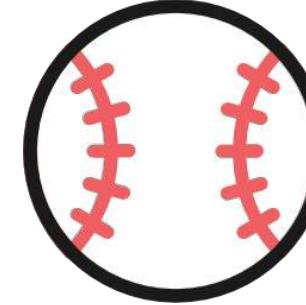
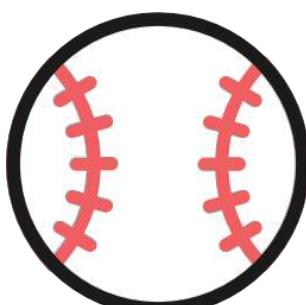
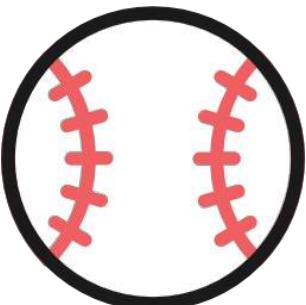


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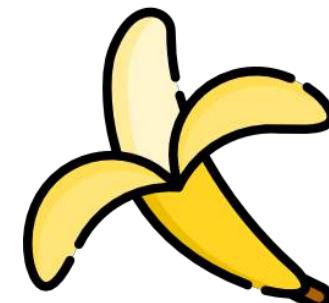
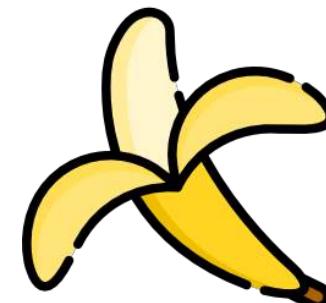
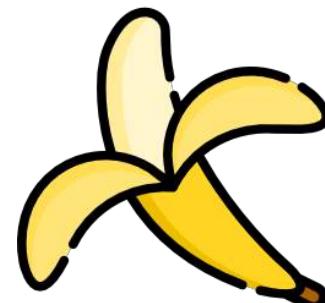
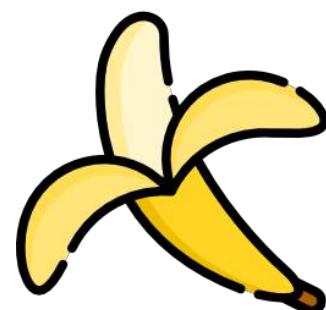
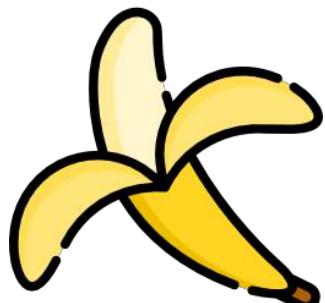
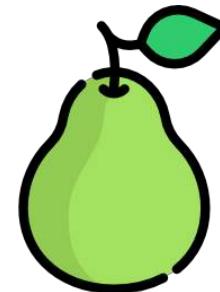
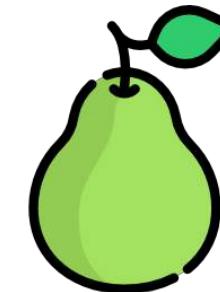
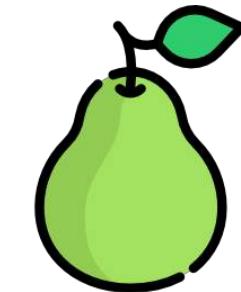
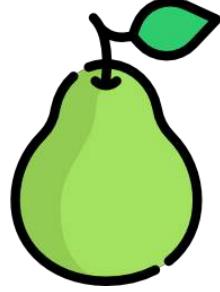
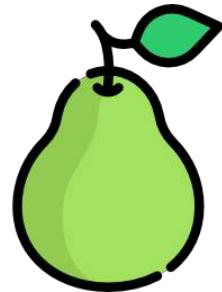
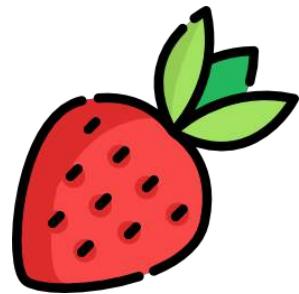


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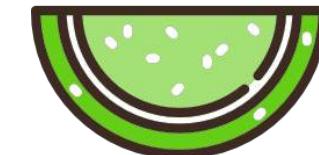
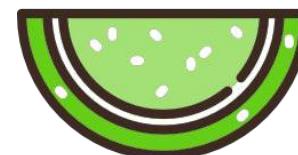
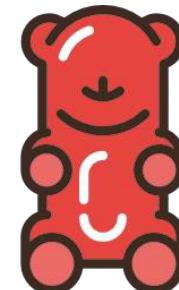
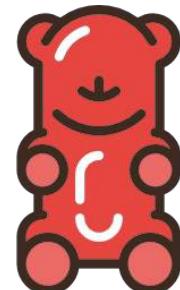
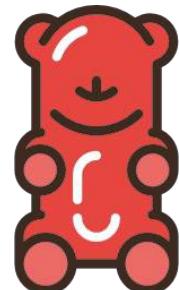
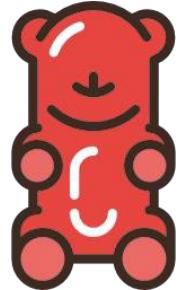




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ANSWER KEY

001 Fox=4 Chicken=3 Snail=2 ?=6	002 Heart=1 Diamond=3 Lightning=4 ?=5	003 Grapes=1 Orange=5 Strawberry=3 ?=4	004 Green Guy=5 Red Guy=1 Blue Guy=2 ?=7	005 Umbrella=3 Hat=6 Tree=1 ?=4	006 Red Lollipop=1 Gummy Bear=4 Spiral Pop=3 ?=4	007 Unicorn=2 Genie Lamp=7 Mermaid=1 ?=3	008 Helmet=2 Snowboard=5 Coat=1 ?=3	009 Blue Shirt=4 Red Shirt=3 Pink Shirt=6 ?=10	010 Burger=3 Taco=2 Fries=6 ?=9
011 Disco Ball=3 Crown=1 Party Hat=6 ?=9	012 Fish Bowl=2 Cactus=1 Candles=8 ?=10	013 Cat=5 Dog=1 Bunny=2 ?=7	014 Hearts=5 Tears=1 Sunglasses=3 ?=8	015 Avocado=1 Beet=5 Carrot=4 ?=5	016 Green Robot=3 Yellow Robot=5 Gray Robot=1 ?=4	017 Jack-O-Lantern=3 Witch Hat=2 Ghost=1 ?=4	018 Ice Cream Cone=3 Cupcake=1 Birthday Cake=9 ?=12	019 Controller=4 Pac-Man=6 Rocket Game=3 ?=7	020 Soccer=5 Tennis=2 Baseball=3 ?=8
021 Reporter=3 Police Officer=4 Welder=4 ?=7	022 Noodles=2 Soda=3 Pizza=5 ?=7	023 Bear Hat=2 Snow Cap=7 Reindeer Ears=3 ?=5	024 Cards=5 Lights=2 Balloon=4 ?=9	025 Pig=3 Iguana=5 Sheep=4 ?=8	026 Flower=5 Wave=4 Whale=3 ?=8	027 Lemon=2 Melon=1 Apple=4 ?=6	028 Rocket Ship=4 Planet=3 Alien=2 ?=6	029 Sun=5 Rainbow=3 Flowers=1 ?=6	030 Donut=4 Cake=3 Cookie=2 ?=6
031 Plane=7 Boat=3 Train=2 ?=9	032 Soccer Ball=3 Baseball=4 Bowling Ball=6 ?=9	033 Compass=7 Tent=8 Camp Fire=3 ?=10	034 Tea Cup=8 Bread=6 Egg=10 ?=18	035 Shoe=5 Hat=7 Shirt=4 ?=1	036 Plane=6 Taxi=8 RV=10 ?=4	037 Crab=9 Turtle=10 Whale=7 ?=16	038 Smile=7 Dead=3 Sick=6 ?=13	039 Watermelon=8 Kiwi=10 Pear=5 ?=13	040 Ghost=5 Dragon=8 Wizard=6 ?=1
041 Sand Castle=7 Palm Tree=8 Flip Flops=9 ?=16	042 Ice Cream Cup=2 Ice Cream Cone=5 Popsicle=9 ?=10	043 Teddy Bear=3 Blocks=9 Toy Car=7 ?=10	044 Sticks=5 Puck=14 Player=3 ?=8	045 Flower Girl=2 Rock Star=11 Gamer=13 ?=11	046 Burger/Soda=2 Ketchup=10 Cheese=7 ?=9	047 Jacket=9 Shorts=8 Sneaker=11 ?=2	048 Keys=6 Phone=3 Hair Dryer=10 ?=16	049 Owl=1 Raccoon=14 Pig=3 ?=4	050 Book=8 Light Bulb=10 Pencil=3 ?=11
051 Melon=9 Pomegranate=13 Lemon=2 ?=7	052 Planet=7 Alien=13 Spaceship=6 ?=13	053 Strom Cloud=4 Rain Drops=14 Tornado=10 ?=6	054 Ring Pop=5 Lollipop=12 Jelly Beans=9 ?=14	055 Knight=2 Sword=17 Castle=18 ?=16	056 Hat=10 Stadium=6 Glove=19 ?=9	057 Blue Shirt=1 Yellow Shirt=12 Green Shirt=6 ?=5	058 Guacamole=3 Pepper=16 Chips=4 ?=7	059 Shirt=7 Suitcase=6 Sunglasses=5 ?=12	060 Balloons=10 Popcorn/Soda=3 Circus Tent=13 ?=3
061 Purple Dino=7 Blue Dino=10 Green Dino=2 ?=11	062 Smart Phone=8 Battery=10 Hour Glass=4 ?=16	063 Corn=5 Carrot=10 Sweet Potato=1 ?=7	064 Frankenstein=9 Mummy=11 Wizard=8 ?=25	065 Snow Plow=3 Tree=10 Snowman=5 ?=7	066 Ice Cream Cone=10 Milk Shake=7 Ice Cream Cup=4 ?=2	067 Coin=6 Hat=2 Bottle=8 ?=20	068 Glove=10 Cleat=6 Soccer Ball=11 ?=31	069 Cactus=6 Armadillo=7 Pyramids=13 ?=25	070 Pizza=16 Hot Dog=3 Hamburger=9 ?=26
071 Confetti=6 Record=10 Disco Ball=11 ?=16	072 Wallet=11 Piggy Bank=8 Safe=9 ?=7	073 Goat=9 Llama=3 Tiger=17 ?=43	074 Heart=12 Recycling=5 Arrow=3 ?=18	075 Broccoli=5 Onion=6 Tomato=10 ?=15	076 Video Game=9 Robot=12 Puzzle=7 ?=11	077 Flowers=10 Bonsai Tree=14 Spikey Plant=6 ?=2	078 Chocolate Bar=12 Pie=15 Cake=3 ?=18	079 Controller=11 PlayStation=3 Video Game=20 ?=2	080 Basketball=8 Hoop=20 Sneaker=1 ?=15

081 Red Tie=10 Gray Shirt=6 Pink Shirt=7 ?=4	082 Ramen=8 Chips=20 Sandwich=11 ?=4	083 High-Tops=9 Boot=6 Sneaker=5 ?=19	084 Color Wheel=6 Box=10 Cup=13 ?=20	085 Clown Fish=9 Blue Tang=11 Crab=7 ?=13	086 Mail Box=6 TV=12 Satellite=9 ?=21	087 Coconut=11 Fruit Cake=15 Smoothie=6 ?=16	088 Mummy=9 Vampire=10 Zombie=11 ?=13	089 Sun=10 Lounge Chair=17 Swim Trunks=3 ?=17	090 Lime Gummy=12 Lollipop=15 Gummy Bear=8 ?=4
091 Wave=2 Shark=10 Shell=7 ?=16	092 Ping Pong=3 Target=17 Volleyball=16 ?=22	093 Museum=4 City=1 Airport=22 ?=30	094 Fish=5 Meat=10 Olive Oil=22 ?=12	095 Bomber Jacket=10 Puffy Coat=2 Hoodie=6 ?=22	096 Drum=7 Horn=13 Guitar=25 ?=11	097 Duck=10 Turtle=6 Snake=3 ?=23	098 Earth=8 Sun=9 Moon=21 ?=37	099 Watermelon=8 Cherries=5 Blueberries=13 ?=29	100 Pirate=9 Hook=16 Wheel=15 ?=3
101 Tree=12 Apple=3 Rainbow=6 ?=30	102 Ice Cream Sand.=6 Ice Cream Cone=10 Popsicle=30 ?=26	103 Penguin=8 Cube=11 Rocket Ship=5 ?=40	104 Kick Guy=6 Karate Gi=9 Fist=3 ?=9	105 Film Reel=5 Star=6 Popcorn=24 ?=14	106 Tea Cup=9 Tea Kettle=4 Honey=10 ?=90	107 Crown=7 Top Hat=6 Helmet=2 ?=28	108 Scissors=11 Compass=13 Paint Brush=2 ?=44	109 Fox=12 Panda=3 Hamster=12 ?=36	110 Lava Lamp=5 TP=12 Anchor=9 ?=19
111 Avocado=14 Cauliflower=6 Egg Plant=8 ?=2	112 Green Guy=5 Red Guy=14 Purple Guy=11 ?=21	113 Clover=10 Cactus=5 Bamboo=25 ?=100	114 Cupcake=6 Candy Bag=4 Candy Apple=10 ?=18	115 Catapult=7 Ship=6 Viking=11 ?=23	116 Tent=8 Campfire=7 Backpack=6 ?=20	117 Fire Fighter=10 Chef=9 Gamer=3 ?=60	118 Chips=9 Pasta=12 Meat=2 ?=36	119 Atom=10 Test Tubes=6 DNA=14 ?=6	120 Van=12 Heart=5 Dove=15 ?=9
121 Giraffe=4 Hedgehog=11 Caterpillar=6 ?=16	122 Dead=6 Sick=8 Angry=7 ?=19	123 Pumpkin=6 Beet=4 Lettuce=2 ?=10	124 Cake=10 Chef=6 Astronaut=5 ?=100	125 Tree=11 Rain Cloud=4 Fireplace=6 ?=23	126 Ice Cream Cone=12 Ice Cream Cup=5 Ice Cream Bar=10 ?=32	127 Genie Lamp=10 Crystal Ball=12 Cauldron=3 ?=60	128 Roller Blade=7 Surf Board=4 Helmet=15 ?=29	129 Green Guy=3 Blue Guy=4 Red Guy=8 ?=19	130 Breakfast=6 Toast=8 Coffee=5 ?=60
131 Heart=6 Flower=15 Letter=2 ?=24	132 Pencil=4 Coffee=9 Toothbrush=5 ?=14	133 Butterfly=5 Hornet=8 Lady Bug=6 ?=17	134 Money=2 Newspaper=9 Battery=2 ?=8	135 Orange=12 Kiwi=5 Grapes=3 ?=18	136 Alien=8 Planet=3 Robot=12 ?=96	137 Moon=9 Earth=8 Star=5 ?=90	138 Cupcake=10 Popsicle=4 Cake=12 ?=240	139 Octopus=11 Dragon=7 Wizard=3 ?=14	140 Tennis Ball=25 Racquet=3 Water Bottle=8 ?=58
141 Plane=24 Hiker=2 Taxi=9 ?=57	142 Taco=30 Corn Dog=10 Burger=8 ?=46	143 Purple Pack=5 Green Pack=30 Blue Pack=3 ?=30	144 Bone Dog=7 Sad Dog=11 Dog w/ Bow=8 ?=22	145 Toilet=5 Washer=8 Bath Tub=10 ?=100	146 Glasses=8 Smile=12 Tears=20 ?=32	147 Pineapple=6 Dragon Fruit=9 Coconut=10 ?=120	148 Umbrella=7 Headphones=5 Halo=8 ?=56	149 Cloud=6 Moon=7 Lightning Bolt=11 ?=132	150 Hard Candy=8 Ring Pop=2 Marshmallow=9 ?=10
151 Peach=4 Strawberry=10 Pear=5 ?=54	152 Panda=7 Pig=1 Chicken=11 ?=21	153 Shocked=12 Dead=8 Angelic=9 ?=38	154 House=4 Star=5 Heart=23 ?=63	155 Pharaoh=10 Einstein=17 Ninja=6 ?=77	156 Smoothie=15 Pineapple=2 Coconut=16 ?=79	157 Lynx=16 Wolf=50 Bear=2 ?=132	158 Diamond=11 Peace=4 Crown=10 ?=102	159 Camera=20 Record=5 Microphone=12 ?=100	160 Worker=18 Singer=3 Scuba Diver=7 ?=78
161 Kiwi=3 Coconut=21 Grapes=58 ?=179	162 Eagle=13 Guinea Pig=6 Cow=9 ?=96	163 Heart=9 Fire=14 Top Hat=10 ?=194	164 Workout=30 Shower=16 Laptop=2 ?=158	165 Surgeon=9 Nurse=5 Doctor=6 ?=138	166 Camel=12 Cow=0 Tiger=6 ?=6	167 Purple Wig=1 Pink Wig=0 White Wig=50 ?=200	168 Factory=24 House=11 Hospital=33 ?=136	169 Doughnut=17 Cake=18 Popsicle=20 ?=110	170 Reporter=21 Officer=23 Clown=30 ?=148

171 Saw=100 Ladder=81 Excavator=9 ?=380	172 Mouth=120 Eyes=160 Ears=125 ?=310	173 Pizza=37 Burger=53 Taco=61 ?=249	174 Controller=14 Smart Phone=7 VR Guy=90 ?=286	175 Helmet=36 Football=49 Referee=4 ?=242	176 Potion=105 Spider=24 Bucket=38 ?=182	177 Cat=86 Bunny=14 Squirrel=7 ?=270	178 Sandwich=300 Chips=19 Meatballs=17 ?=623	179 Invitation=75 Present=125 Disco Ball=30 ?=460	180 Bus=77 Taxi=7 Police Car=8 ?=35
181 Lemonade=8 Fruit Bowl=5 Ice Cream=2 ?=48	182 Baboon=9 Iguana=3 Boar=12 ?=78	183 Angry=5 Happy=8 Sad=6 ?=106	184 Accordion=10 Mandolin=4 Saxophone=9 ?=92	185 Soccer Player=14 Robot=2 Detective=13 ?=80	186 Tomato=4 Broccoli=6 Eggplant=7 ?=110	187 Blow Fish=6 Frog=8 Duck=9 ?=156	188 Lips=8 Nails=7 Hair Cut=5 ?=86	189 Tree=6 Sunflower=8 Tulip=5 ?=92	190 Farmer=9 Hard Hat=3 Librarian=11 ?=84
191 Toothbrush=12 Chef=6 Super Hero=5 ?=84	192 Sneaker=15 Basketball Shoe=5 Boot=18 ?=336	193 Origami=16 Paint=6 Controller=11 ?=296	194 Candle=25 Pillow=7 Moon=6 ?=314	195 Dinosaur=30 Gecko=9 Grasshopper=4 ?=204	196 Cupcake=44 Pancakes=1 Smoothie=0 ?=2	197 Snowflake=105 Igloo=5 Mountains=16 ?=110	198 Soccer Ball=18 Surf Board=10 Golf Clubs=11 ?=218	199 Peanut Butter=125 Marshmallow=15 Popcorn=8 ?=605	200 Fisherman=76 Ranger=6 Hippie=10 ?=392
201 Sphinx=15 Scroll=5 Pyramids=8 ?=245	202 Bicycle=32 Smart Phone=16 Parking Cone=3 ?=224	203 Sun=45 Acorn=10 Flower=2 ?=1,800	204 Pink Shirt=17 Blue Shirt=6 Yellow Shirt=5 ?=4,080	205 Fire=18 Storm Cloud=0 Potion=10 ?=0	206 Bubbles=9 Tears=5 Scarf=10 ?=3,600	207 Dump Truck=7 Crane=4 Ship=13 ?=2,912	208 Unicorn=6 Zebra=18 Horse=4 ?=3,456	209 Bacteria=9 DNA=11 Molecule=15 ?=551	210 Captain=8 Police Officer=5 Detective=12 ?=1,920
211 Bear=9 Heart=4 Glasses=5 Smiley=3 ?=24	212 Flags=2 Balloons=2 Rockets=1 Star=7 ?=15	213 Rocket=5 Planet=0 Astronaut=3 Rover=3 ?=18	214 Bowling=9 Phone=9 Recycling=4 Umbrella=10 ?=3240	215 Dog=8 Bone=8 Food Bowl=5 Dog House=1 ?=5	216 Red SUV=8 Green Car=8 Food Bowl=5 Motorcycle=1 ?=8	217 Full Melon=21 Popsicle=21 Single Slice=6 Juice=3 ?=42	218 Cake=1 Cookie=8 Groceries=9 Mixer=9 Doughnut=7 ?=81	219 Dog=7 Fish=7 Cat=20 Hamster=1 ?=20	220 Wonder Woman=7 Hulk=11 Thor=11 Groot=12 Spiderman=12 ?=144
221 Potion=9 Flower=11 Switch=7 Spaceship=7 ?=91	222 Acorn=1/2 Leaves=0 Corn=1/2 Pumpkin=1 ?=2	223 Panda=1 Hippo=5 Kangaroo=3 Alligator=3 ?=45	224 USA=3 Brazil=3 Australia=5 Sweden=0 ?=225	225 Pot=7 Skull=14 Mask=2 Footprint=1 ?=4	226 Mask=10 Skate=2 Curling=1 Goggles=2 ?=20	227 Green Flower=1 Blue Flower=7 Red Flower=6 Sunflower=4 ?=168	228 Golden Gate=7 Coliseum=5 Eiffel Tower=50 Opera House=50 ?=2,502	229 Feather Mask=9 Balloons=0 Hat=41 ?=0	230 YouTube=4 Instagram=4 Snapchat=9 Twitter=21 ?=5
231 Turtle=8 Crab=5 Seagull=5 Fish=12 ?=68	232 Tea Kettle=6 Yogi=3 Yoga Mat=9 Lotus Flower=3 ?=54	233 Cupcake=4 Cake=2 Strawberry=32 Ice Cream=1 ?=16	234 Sneaker=5 Sweater=0 Feather=4 Glasses=3 ?=0	235 Balloon Dog=7 Castle=1/2 Record=14 ?=1	236 Koala=9 Monkey=2 Lamb=6 Raccoon=3 ?=36	237 Globe=1/2 Smart Phone=4 Text Bubbles=1 Letter=8 ?=10	238 GoPro=10 Battery=20 Drone=2 Light=80 ?=3,200	239 Guacamole=8 Taco=2 Burrito=9 ?=144	240 (↑ / ↓) Cup=33/22 Paint=33/22 Earth=12/12 Wave=3/18 ?=57/38
241 Pig=3 Cow=5 Cat=8	242 Donut=25 Cone=3 Choc. Bar=1 Strawberry=8 Cupcake=10	243 Wave=4 Rainbow=18 Bolt=6 Earth=12 Tree=8 Moon=5 Fire=15	244 Money Sack=0 Skull=5 Hat=1 Cactus=0 Star=4 Boot=2	245 Acorn=3 Honeycomb=1 Fireplace=18 Tree=6 Pumpkin=2	246 Cookies=4 Lollipop=16 Donut=2 Cupcake=3	247 Traffic Light=4 Cone=1 Keys=6 Car=2 Motorcycle=1 Van=0	248 Surf Board=8 Roller Blade=4 Paddles=12 Snorkel=50 Helmet=10 Skateboard=3 Boxing Glove=5	249 Calculator=1 Phone=2 Money=10 Tools=9 Bulb=0 Target=20	250 Pac-Man=24 Diamond=6 Controller=8 Dice=5 Cards=3

251 Tiger=12 Elephant=32 Chicken=56 Turkey=7 Pig=6 Ram=8	252 Batman=4 Woman=20 Pharaoh=5 Outlaw=3 Ninja=1 Diver=15	253 Cone=32 Strawberry=20 Cupcake=2 Lollipop=12 Cart=4 Cake=16	254 Octopus=3 Whale=6 Shell=27 Blowfish=4 Shark=12 Crab=18	255 Compass=6 Backpack=8 Bucket=40 Artist=5 Canvas=16 Trash=18 Pencils=10 Paints=15	256 Tiger=8 Lion=6 Cat=18 Pig=0 Fox=0 Cow=0 Boar=24 Frog=16	257 Paper Plane=30 Mouse=18 Tablet=50 Light=8 Megaphone=24 Headphones=40 Hour Glass=10	258 Volcano=7 Earth=63 Mountains=12 Book=45 Desert=9 GPS=60 Pyramids=5 Map=84	259 Officer=6 Pilot=35 CEO=48 Graduate=8 Lumberjack=30 Diver=42 Hacker=56 Fire Fighter=49	260 Seedling=36 Peace=1 Guitar=5 Dove=0 Van=3 Earth=60
261 Lemon=84 Raspberry=12 Pear=2 Banana=4 Kiwi=56 Cherries=48 Watermelon=14 Pineapple=32 Apple=96	262 Llama=8 Bear=6 Tiger=5 Baboon=15 Fox=10 Reindeer=16 Giraffe=18 Beaver=40	263 Atom=4 Brain=99 Equation=88 Microscope=40 Virus=11 Scientist=80 Flask=9 Radiation=121	264 Bone=4 Food Bowl=8 Paw Print=56 Ball=5 Collar=20 Dog=98 Poo=25	265 Burger=8 Soda=16 Taco=64 Egg=160 Cake=32 Fries=2	266 Bike=6 Extinguisher=3 Credit Card=54 Cart=1 Camera=60 Ship=9 Gas Pump=120 WiFi=180	267 Telescope=0 Helmet=10 Boot=4 Rocket Ship=9 Satellite=80 Capsule=100 Comet=36 Rover=8	268 Cone=5 Watermelon=20 Cappuccino=30 Chocolate Pop=10 Ice Cream Sandwich=40 Triangle=108 Ice Cream Cup=50 Purple Bar=15 Pink Bar=60 Rainbow Pop=90	269 Trumpet=16 Violin=2 Harp=36 Accordion=12 Concrete Truck=6 Plane=90 Ship=225	270 Tractor=3 Scooter=15 Cable Car=30 Bike=135 Triangle=108 Truck=6 Plane=90 Ship=225
271 12x12 Cotton Candy=20 Rainbow Cake=10 Gummy Worms=4	272 15x15 Ice Cream=50 Taco=10 Fries=5 Popcorn=100	273 13x11 Party Hat=10 Disco Ball=100 Party Favor=3 Balloons=1	274 18x8 Wave=3 Star=24 Earth=50 Flower=8 Shell=40	275 18x12 Happy=10 Kisses=2 Crying=100 Angry=16 Sleepy=80	276 22x13 Anchor=10 Gold=60 Skull=6 Hook=20	277 22x16 Lobster=10 Clown Fish=120 Blue Tang=20 Shrimp=12 Squid=20	278 25x17 Potion=50 Rainbow=20 Pizza=200 Milk Shake=10 Coffee=35	279 24x19 Marker=40 Lunch=9 Scissors=10 Book=20 Paper Plane=180	280 2 is a lie.
281 3 is a lie.	282 3 is a lie.	283 1 is a lie.	284 2 is a lie.	285 3 is a lie.	286 2 is a lie.	287 3 is a lie.	288 2 is a lie.	289 2 is a lie.	290 3 is a lie.
291 3 is a lie.	292 2 is a lie.	293 1 is a lie.	294 3 is a lie.	295 2 is a lie.	296 1 is a lie.	297 3 is a lie.	298-315 Remember! <i>WODB?</i> activities do not have a single correct answer - the idea is to get students thinking and reasoning mathematically!		

ABOUT THE AUTHOR

Anthony Persico is the head content creator and founder of MashUp Math, which is based in Denver, Colorado. He has taught thousands of students across the U.S. as well as around the globe via 50,000+ subscribers on his math education YouTube channel. He joins Stanford's Jo Boaler as an advisor to Amazon Education's *With Math I Can* campaign and is a featured education writer for Harvard University and *Flip Learning*. When he's not teaching math, he loves hiking in the Rocky Mountains, international travel, and playing with his dog, Zoey.



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THE END

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