

Name: _____

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.

| | | | |
|------------|---|---|----------------------|
| START 6 | 9 | 4 | 4 |
| 3 | 8 | 9 | 7 |
| 1 | 4 | 2 | 4 |
| 5 | 8 | 8 | FINISH SUM: 56 |

6 + 9 + 4 + 9 + 8 + 4 +
8 + 8 = 56

| | | | |
|-------------|----|---|----------------------|
| START 14 | 14 | 4 | 18 |
| 10 | 9 | 6 | 8 |
| 12 | 8 | 7 | FINISH SUM: 45 |

14 + 14 + _____ + _____ + _____ =
45

| | | | |
|------------|---|---|----------------------|
| START 6 | 8 | 8 | 8 |
| 8 | 7 | 7 | 6 |
| 9 | 9 | 9 | 6 |
| 7 | 6 | 6 | FINISH SUM: 45 |

Did you find a path? Write the equation.

| | | | |
|------------|---|---|----------------------|
| START 1 | 2 | 9 | 5 |
| 7 | 9 | 8 | 8 |
| 2 | 8 | 4 | 7 |
| 5 | 7 | 3 | FINISH SUM: 25 |

1 + _____ + _____ + _____ + _____ + _____ =
25

Name: _____

Find the way from START to END by passing only through numbers that are multiples of eleven.

You can go up, down, left, right, AND diagonally!

| | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| START | 499 | 283 | 524 | 724 | 398 | 326 | 48 | 854 | 909 |
| 682 | 767 | 973 | 309 | 329 | 425 | 56 | 771 | 962 | 158 |
| 187 | 973 | 813 | 54 | 372 | 965 | 910 | 51 | 101 | 236 |
| 726 | 493 | 794 | 617 | 683 | 199 | 379 | 146 | 782 | 342 |
| 880 | 748 | 429 | 382 | 625 | 899 | 555 | 227 | 279 | 981 |
| 440 | 66 | 330 | 444 | 880 | 517 | 737 | 904 | 916 | 5 |
| 428 | 186 | 858 | 231 | 462 | 28 | 704 | 858 | 66 | 890 |
| 275 | 462 | 649 | 165 | 194 | 515 | 77 | 880 | 539 | 502 |
| 352 | 476 | 677 | 770 | 777 | 548 | 6 | 728 | 693 | 517 |
| 484 | 44 | 110 | 902 | 60 | 992 | 190 | 691 | 49 | END |

Name: _____

Anne is earning money for her baseball uniform by working on Saturdays. One Saturday she worked 3 hours at \$7.58 per hour, and the next Saturday she worked 6 hours at \$5.65 per hour. How much money did she earn on the two Saturdays together?

When Alex got married he was 24 years old. His sister was a third his age plus 4 years. Their father was twice Alex's age plus 5 years. Alex's father was how many years older than his sister when he got married?

Consistent Claire loves practicing her free throws. She is so consistent. Every game she gets the same percentage of free throws in the hoop. In the last game she played, Claire made 12 of 15 attempted free throws. In today's game, she attempted 10 free throws. If her percentage for this game is the same as her last game, how many of them went in?

Zeeka has invented a new space vehicle to go from his home planet of Zomba to his friend's planet of Oomba. It is a fun ride! It can fly at a speed of 780 mph. How far will it go in 10 minutes? Round your answer to the nearest mile.

Name: _____

$$(4 + 3) \times 2 + 7 - 11$$

$$9 + 70 \div 7$$

$$0.3 (0.5 (0.3 \times 9)) =$$

(576,650,390,625) ,

(38,443,359,375) ,

(2,562,890,625) ,

(170,859,375) , (11,390,625) ,

(759,375) , (50,625) ,

(3,375) , _____, (15)

What is the prime factorization of 27?

4, X, X, d, d, z, 4, X, X,

_____, d, z, 4, X, X

$$4 \times (108 \div 9) - 80 \div 10 =$$

The letter V has an unknown value. If you multiply V by eight, the product is four. What value does V have?

$$0.04 \times 0.8$$

The letter p is used to represent power points in a game. The points must be greater than 419 but less than 1,410. Express this as an inequality.

Circle the percentage that is closest to 31 out of 50:

6%

6%

36%

93%

Convert $21\frac{7}{8}$ to an improper fraction.

Name: _____

| | | |
|--|--|---|
| <p>Three girls ran a race. Holly was not as fast as Ava. Ava ran past Amanda in the race and Amanda never caught up. Who won the race? Do you have enough information to know?</p> | <p>Hannah rolls a die. What is the chance of her rolling a 1?</p> <p>_____</p> | $\begin{array}{r} 98 \\ - 45 \\ \hline \end{array}$ |
| | $30 \div 3 =$ | |
| | | |

| | | |
|---------------------|--|---|
| $66 \div 6 =$ _____ | <p>Rewrite these in increasing order of length:</p> <p>957 km, 16 mm, 252 cm</p> | $\begin{array}{r} 554 \\ - 275 \\ \hline \end{array}$ |
| $56 \div 7 =$ _____ | | |

| | | |
|-----------------------|---|---|
| $10 \times 7 =$ _____ | <p>What is the largest possible product of two three-digit numbers? Show the two numbers.</p> | $\begin{array}{r} 45 \\ + 25 \\ \hline \end{array}$ |
| | | |

| | | |
|----------------|---|---------------------------|
| $9 \times 8 =$ | $\begin{array}{r} 429 \\ + 349 \\ \hline \end{array}$ | $11,359 + 79,888 =$ _____ |
|----------------|---|---------------------------|

Name: _____

Sudoku Sums of 11

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 11.

Here is an example of a sudoku sum of 11:

| | |
|---|---|
| 8 | 3 |
|---|---|

| | | | | | |
|---|---|---|---|--|---|
| 4 | | | 5 | | 6 |
| | | | | | |
| | 2 | | | | |
| | 1 | 5 | 6 | | |
| | | | 3 | | |
| | | | 4 | | 2 |

$$6 \div 2 = \underline{\hspace{2cm}}$$

How many centimeters are in 40 millimeters?

_____ centimeters

Circle the addition property
for $46 + 57 = 57 + 46$.

associative property
commutative property

$$20 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$$

$$108 \div 9 = \underline{\hspace{2cm}}$$

How many dimes make \$3.60?

$$4 \times 12 = \underline{\hspace{2cm}}$$

Name: _____

| | |
|---|--------------------------------------|
| In the number 1,292,942, the digit 1 is in what place? _____ | 1 cm = 10 mm 13 cm = _____ mm |
|---|--------------------------------------|

| | |
|---------------|--|
| 8 x 6 = _____ | Rosa and Wendy are playing a number game. Rosa says 1. Wendy replies that the answer is 1. Rosa says 64. Wendy replies that the answer is 8. Rosa says 4. Wendy replies that the answer is 2. Rosa says 361. Wendy replies that the answer is 19. Rosa says 16. Wendy is thinking. What number should Wendy reply with? |
|---------------|--|

| | |
|---|-----------------|
| Can 495 be evenly divided by 9? Circle: 495 is evenly divisible by 9 495 is NOT evenly divisible by 9 | 72 ÷ 12 = _____ |
|---|-----------------|

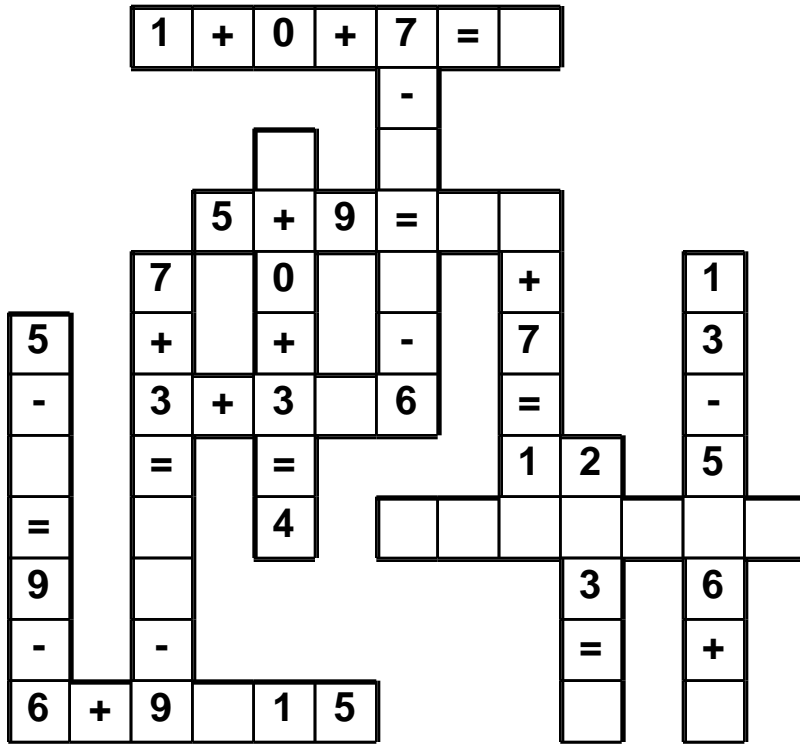
| | |
|--|-------------------------|
| Circle the digit in the hundredths place. 63.2258 | 17,114 + 32,753 = _____ |
|--|-------------------------|

| | |
|--|---|
| What should replace the V in this equation? 23 x V + 14 = 267 | For 9,728,633,199,072,108, write the digit that is in the hundred thousands place. _____ |
| | 5 x 6 = _____ |

Name: _____

8 • 1 • 5 • 1 • 4 • 8 • = • 2 • 1 • 2 • + • 1 • + • 5 • = • 8 • 9
= • 5 • 2

Use the pieces above to help you fill in the runaway math puzzle.



$5 \times 9 =$ _____

$11 \times 9 =$ _____

Write this as a number in standard form.
Use a comma in your number.

six hundred sixty-four thousand, five
hundred fifty-nine

$7,862 - 4,978 =$ _____

$6 \times 7 =$ _____

$48 \div 6 =$ _____

$2 \times 11 =$ _____

The letters H and V each
have a line of symmetry.
Name another letter
between H and V that has a
line of symmetry.

word root **cede** can mean **go**

recede, precede

Name: _____

$$9 \overline{) 62226}$$

$$3 \overline{) 429}$$

$$4 \overline{) 262138}$$

$$\frac{72}{???} = 6$$

What is the missing number?

$$\frac{18}{N} = 9$$

What is the value of N?

$$12n = 60$$

$$\frac{N}{8} = 6$$

How many meters are there in 31 kilometers?

How many centimeters in 6.9 meters?

Round 16,508 to the nearest thousand.

10, _____, 14, 16, 18, 20,
22, 24

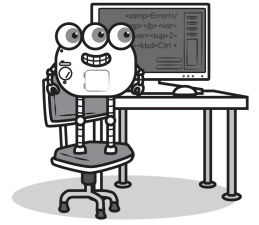
What is 50% of 586?

$$8 \times 3 \div 1$$

Name: _____

Robot was given a math problem to solve.

Eric is saving money to buy a book. The book is about elephants. He has 4 dollar bills, 14 dimes, and 46 pennies. How much money has he saved?



Robot wrote this program in Python to solve it.

```
dollars = 4
```

```
dimes = 14
```

```
pennies = 46
```

```
total = dollars + (dimes * 0.10) + (pennies * 0.01)
```

```
print(total)
```

Robot's program will print the answer to the math problem.

What will the program print out?



Hints and Questions

To multiply in Python `*` is used.

After Robot's program is done, the variable `pennies` will have a value in it. What value does it have?

In the program, `"dollars"` is called a variable.

It is used to store a value. Name two other variables used in the program.

Name: _____

"Want to visit my farm?" asked Eric. "It's just me, my mom, my dad, my 3 sisters, my 10 spiders, my 2 chickens, and, last but not least, my 2 cats."

"Yuck, did you say 10 spiders? Seriously?" asked Erin.

"Yes, I did! Just answer the following math question. I didn't say these math questions make sense," said Eric with a big smile.

How many legs are there where Eric lives? If it helps, humans have 2 legs (duh!), spiders have 8, and you can figure out the rest!

Holly drew a square with an area of 81 square centimeters. Kevin drew a square with an area of 169 square centimeters. How much bigger is the perimeter of the square that Kevin drew than the perimeter of the square that Holly drew?

Sarah drew two squares side-by-side. Each square has the same perimeter of 32 centimeters. What is the perimeter of the larger rectangle created by the two squares?



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

$3 + 8 = \underline{\quad}$

$6 + 4 = \underline{\quad}$

$6 + 7 = \underline{\quad}$

$3 + 9 = \underline{\quad}$

$6 + 6 = \underline{\quad}$

$3 + 5 = \underline{\quad}$

$8 + 8 = \underline{\quad}$

$8 + 3 = \underline{\quad}$

$9 + 7 = \underline{\quad}$

$7 + 6 = \underline{\quad}$

$5 + 9 = \underline{\quad}$

$8 + 5 = \underline{\quad}$

$3 + 8 = \underline{\quad}$

$7 + 5 = \underline{\quad}$

$8 + 6 = \underline{\quad}$

$6 + 7 = \underline{\quad}$

$4 + 8 = \underline{\quad}$

$8 + 3 = \underline{\quad}$

$5 + 6 = \underline{\quad}$

$5 + 8 = \underline{\quad}$

$8 + 4 = \underline{\quad}$

$3 + 7 = \underline{\quad}$

$5 + 7 = \underline{\quad}$

$6 + 8 = \underline{\quad}$

$9 + 4 = \underline{\quad}$

$7 + 3 = \underline{\quad}$

$9 + 3 = \underline{\quad}$

$4 + 3 = \underline{\quad}$

$8 + 4 = \underline{\quad}$

$6 + 3 = \underline{\quad}$

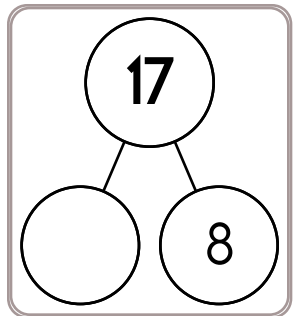
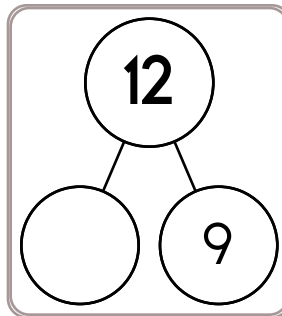
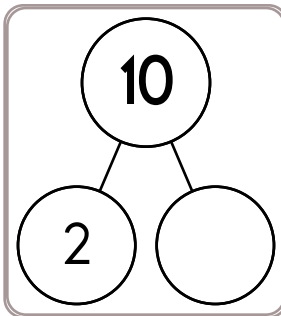
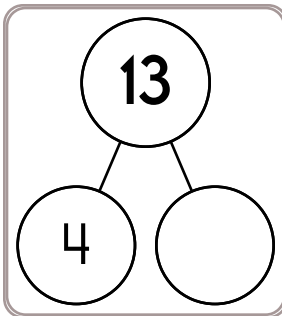
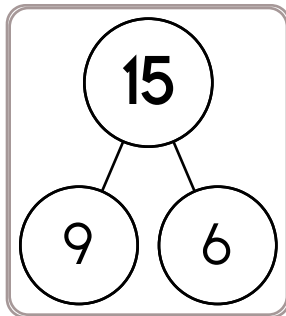
$4 + 6 = \underline{\quad}$

$8 + 9 = \underline{\quad}$

$4 + 8 = \underline{\quad}$

$3 + 3 = \underline{\quad}$

$7 + 5 = \underline{\quad}$



$65 + 5 = \underline{\quad}$

$47 + 4 = \underline{\quad}$

$78 + 5 = \underline{\quad}$

$54 + 9 = \underline{\quad}$

$13 + 7 = \underline{\quad}$

$23 + 8 = \underline{\quad}$

$39 + 8 = \underline{\quad}$

$45 + 8 = \underline{\quad}$

$67 + 3 = \underline{\quad}$

$16 + 9 = \underline{\quad}$

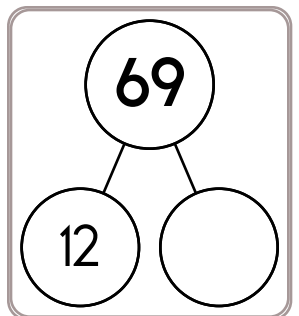
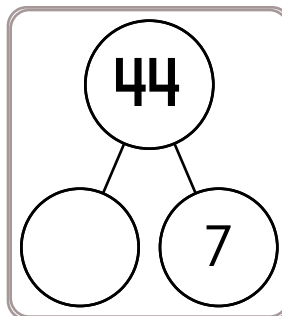
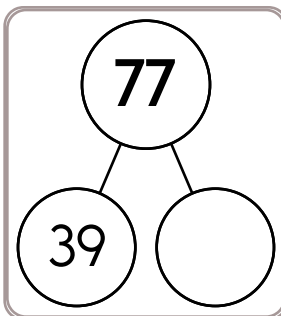
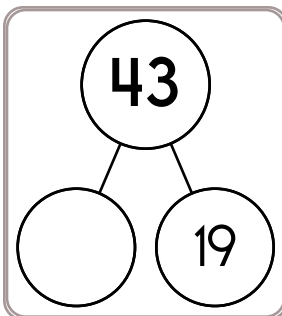
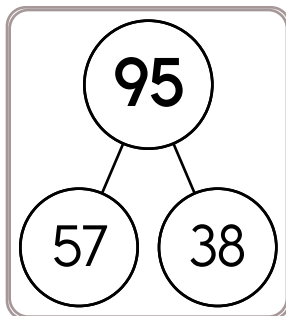
$77 + 9 = \underline{\quad}$

$27 + 3 = \underline{\quad}$

$55 + 7 = \underline{\quad}$

$34 + 7 = \underline{\quad}$

$58 + 6 = \underline{\quad}$



$78 + 6 = \underline{\quad}$

$38 + 9 = \underline{\quad}$

$64 + 8 = \underline{\quad}$

$55 + 9 = \underline{\quad}$

$18 + 4 = \underline{\quad}$

$43 + 4 = \underline{\quad}$

$26 + 4 = \underline{\quad}$

$75 + 4 = \underline{\quad}$

$19 + 8 = \underline{\quad}$

$44 + 6 = \underline{\quad}$

$67 + 6 = \underline{\quad}$

$36 + 7 = \underline{\quad}$

$24 + 5 = \underline{\quad}$

$58 + 9 = \underline{\quad}$

$48 + 5 = \underline{\quad}$

$78 + 7 = \underline{\quad}$

$15 + 8 = \underline{\quad}$

$57 + 4 = \underline{\quad}$

$26 + 9 = \underline{\quad}$

$67 + 3 = \underline{\quad}$

Name: _____

Write the NUM-BER of SYL-LA-BLES under each word.

The range hood must be fitted with a flue to carry
1 + 1 + 1 + 1 + 1 + 2 + 1 + 1 + 1 + 1 + 2 = 13
 away the smoke and cooking odors.
2 + 1 + 1 + 1 + 2 + skip = 7

The climber used an ice axe to ascend Mount Everest.
 _ + _ + 1 + _ + _ + _ + 1 + 2 + _ + _ = 14

Wireless services caught the eye of security officers after
 _ + _ + 1 + _ + _ + _ + 4 + _ + _ = 18
 the September 11 attacks.
 _ + skip + skip = 1

Certain incidents of his life caused him to distrust adults.
 _ + skip + _ + _ + _ + _ + _ + _ + _ + 2 = _____

Some higher latitude countries use daylight saving time part
 _ + _ + _ + _ + _ + _ + _ + _ + _ + _ = 15
 of the year.
 _ + _ + _ = 3

Shandrea has no interest in going to the prom.
 skip + _ + _ + _ + _ + _ + 1 + _ + _ = _____

Dad said he wanted to build at least ten stores in
 _ + _ + _ + _ + _ + _ + _ + _ + _ + _ = _____
 several states.
 _ + _ = _____

Name: _____

Write the NUM-BER of SYL-LA-BLES under each word.

To prepare for the winter, we bought three cords of
 _ + _ + _ + _ + _ + _ + _ + _ + _ + _ = 12
 wood and stacked them inside the shed.
 _ + _ + _ + _ + 2 + _ + _ = 8

Did you know that male ants have wings but most
 _ + _ + _ + _ + _ + _ + _ + _ + _ + _ = _____
 female ants don't?
 _ + _ + skip = _____

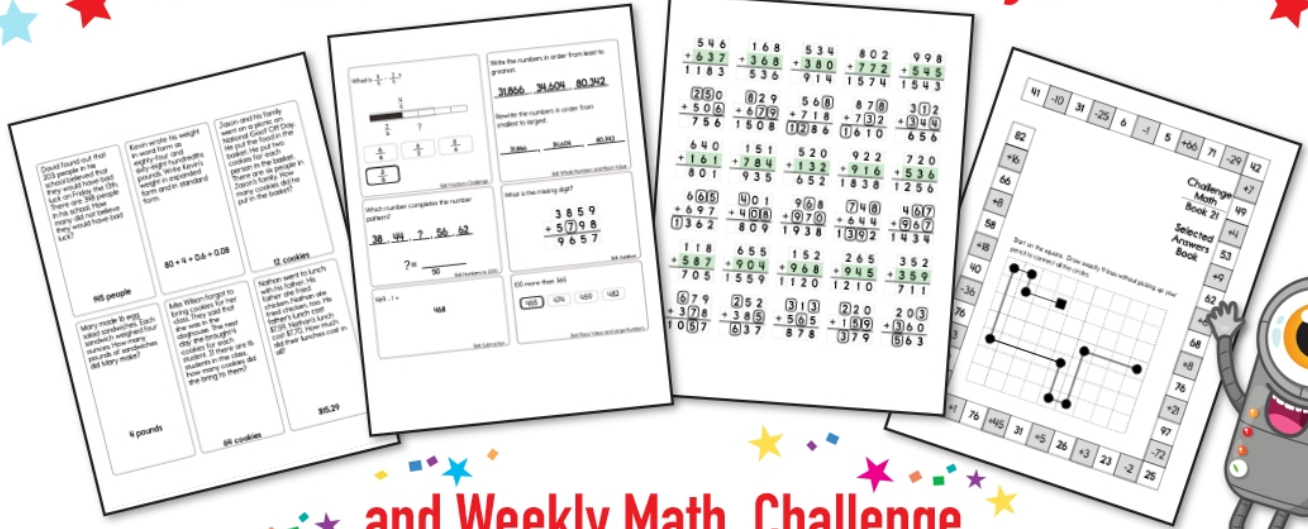
If you do get the flu, medication can help lessen
 _ + _ + _ + _ + _ + _ + _ + _ + 1 + _ = 14
 the severity of the symptoms.
 _ + _ + _ + _ + _ = 9

A beech tree is deciduous; it loses its leaves in
 _ + _ + _ + _ + skip + _ + skip + _ + _ + _ = 8
 the winter.
 _ + _ = 3

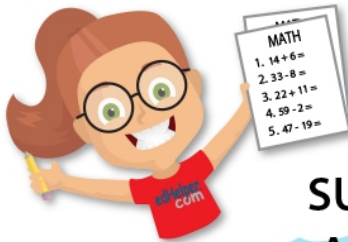
The baby kept staring at the ceiling, fascinated with his
 _ + 2 + _ + _ + _ + _ + _ + 4 + _ + _ = 16
 new world.
 _ + _ = 2

A market economy is based on buyers and sellers.
1 + 2 + skip + 1 + 1 + 1 + skip + 1 + skip = 7

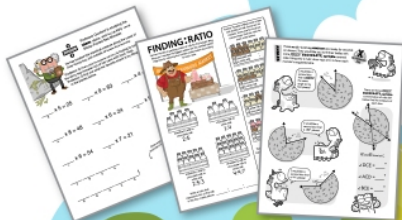
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