**Name:** _____

Erin has 50 cents. What fraction of a dollar is that? Be sure to simplify the fraction.

Amanda earned $50.32 working 8 hours babysitting. Anna worked the same number of hours, but she earned $68.24. How much more was Anna paid per hour than what Amanda got per hour?

**Name:** _____

Cross off the number that does NOT belong.

(1,024), (512), (256), (128),

(64), (50), (32), (16),

(8), (4)

**Why does _____ not belong in the pattern?**

Cross off the number that does NOT belong.

10, 4, $10\frac{1}{4}$ , $4\frac{1}{4}$ , $10\frac{2}{4}$ , $4\frac{2}{4}$ ,

$10\frac{3}{4}$ , $4\frac{3}{4}$ , $10\frac{3}{4}$ , 11, 5

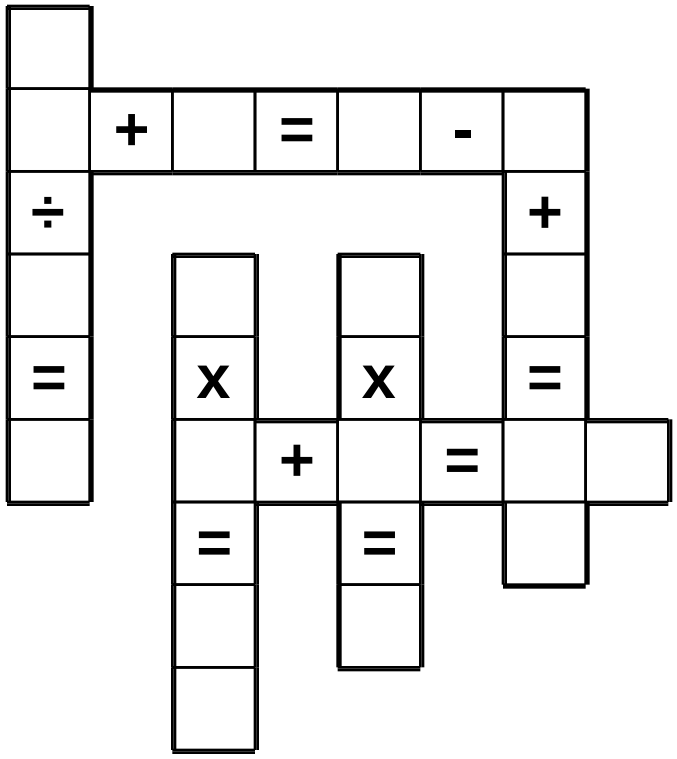
There are two different sequences here. Add $\frac{1}{4}$ to both.

**Why does _____ not belong in the pattern?**

**Name:** _____

2 • 4 • 2 • 9 • 3 • 4 • 8 • 0 • 8 • 6 • 5 • 7 • 1 • 2 • 1 • 4
0 • 0

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




102 is what percent of 170?

$$7\frac{2}{8}$$
$$8\frac{3}{8}$$
$$+\ 2\frac{6}{8}$$

Find the sum of 108, 1, 865, and 7.

Find 35% of 200.

$$\begin{array}{r} 4{,}831 \\ -\ 3{,}938 \\ \hline \end{array}$$

Write the decimal number for:

nine ten-thousandths

**Name:** _____

Columbus sailed in a caravel. Caravels of the size he used displaced approximately 40 long tons. Modern aircraft carriers like the U.S.S. Kitty Hawk displace approximately 80,830 long tons. What is the ratio of the displacement of a caravel to the displacement of an aircraft carrier? Write your ratio in lowest terms.

Mrs. Meeks put 5 pairs of black socks, 4 pairs of white socks, and 3 pairs of red socks in the washer. If she pulls one sock out of the washer without looking, what is the probability the sock will be red? Round your answer to the nearest whole number.

The (make-believe) country of Slowmonia, after 17 years of research, launched a rocket into space to land on Pluto. It is slow! It travels 3.339 kilometers in a month. How far will it travel in 78 years?

What is 5% of 46?

**Name:** _____

7 thousands and 5 hundred thousands =

A) 507000
B) 500700
C) 700050

18 meters =

A) 180 centimeters
B) 18000 centimeters
C) 18000 millimeters
D) 1800 millimeters

What number is missing from the following sequence?

16, 28, 40, 52, ____, 76, 88

A) 64
B) 59
C) 57
D) None of the above

What is 0.68229 rounded to the nearest thousandth?

A) 0.681
B) 0.782
C) 0.682
D) 0.7

9 x 596 =

A) 25,884
B) 5,864
C) 5,364
D) None of the above

If you wanted to estimate the difference of 57 and 29, what would your answer be (round by tens)?

A) 50
B) 29
C) 30
D) 10

**Name:** _____

The world's largest pizza was made in South Africa. Its area was 11837 $\frac{3}{5}$ square feet. If the pizza were cut into $\frac{3}{5}$ square foot pieces, how many pieces could be cut from the pizza?

9 x 5 =

How many inches are in 2 feet?

_____ inches

$$\begin{array}{r} 82 \\ -\ 50 \\ \hline \end{array}$$

7 x 8 = _____

$$\begin{array}{r} 983 \\ -\ 353 \\ \hline \end{array}$$

$$\begin{array}{r} 474 \\ +\ 485 \\ \hline \end{array}$$

Ava likes to change numbers into a secret letter form. Ava changed the number 89,267 to BBBBB. Ava changed the number 686 to BBB. Ava changed the number 9,915 to BBBB. Ava changed the number 599,488 to BBBBBB. How do you think she would change the number 84?

_____

Write the missing family fact.

11 x 17 = 187
187 ÷ 11 = 17
187 ÷ 17 = 11

_____

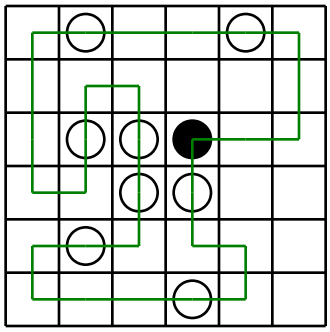
$$\begin{array}{r} 26 \\ +\ 47 \\ \hline \end{array}$$

6 ÷ 3 = _____

60 ÷ 10 =

word root **micro** can mean **small** **microscope, microchip**

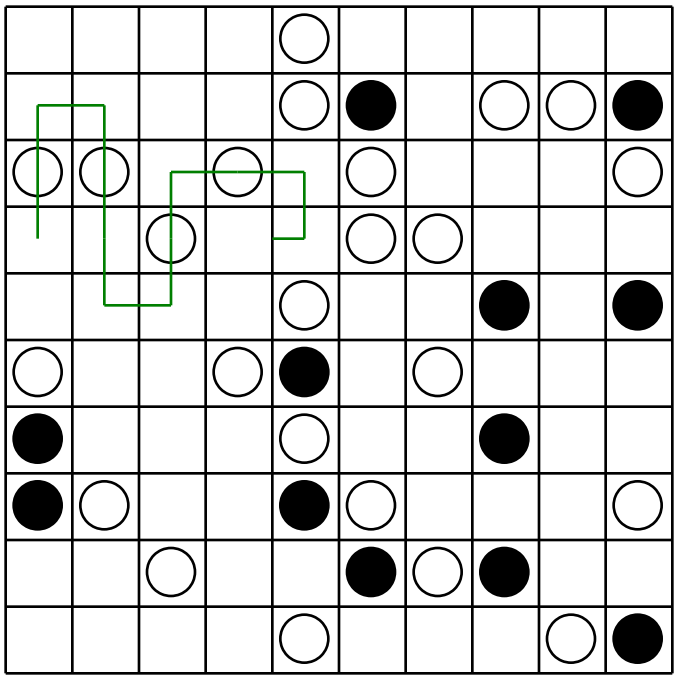
**Name:** _____



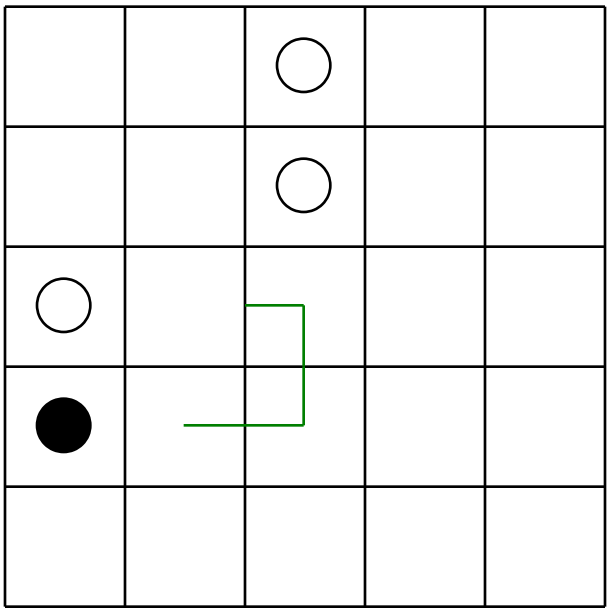
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



Finish the line:



What time is 14 hours after 4:00 p.m.?

_____

Circle the greatest number:

49,027,156

69,850,712,334

83,801

726,954

799 + 774 = _____

Write an equation to represent this:

The difference between eighteen and two is sixteen.

_____

**Name:** _____

Some vowels are missing in the word search.
Fill in the missing vowels and circle the words.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| T | U | R | | | T | H | | | X |
| O | D | | | B | L | | T | H | N |
| B | Q | | N | T | R | Y | C | | T |
| C | H | | B | | T | E | B | R | |
| C | E | R | T | I | F | Y | | R | M |
| N | T | C | | L | D | N | D | | |
| R | G | R | | V | Y | H | G | B | T |
| F | | | C | | T | O | | L | |
| C | Q | | | | T | I | Y | | N |
| I | F | L | | | R | | S | H | R |

RIOT • BADGE • FAUCET • DOUBLE
HABIT • QUIET • TOMATO • CERTIFY
HOAX • FLOURISH • HORRIBLE
GRAVY • COLD • ENTRY

How many dimes make $3.40?

1 kg = 1,000 g

12 kg = _____ g

6 x 4 = _____

25 lb = _____ oz

The boys in your class each were given a ticket with a number on it. The numbers given out were: 28, 19, 24, 31, 16, 10, 40, and 29. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 4?

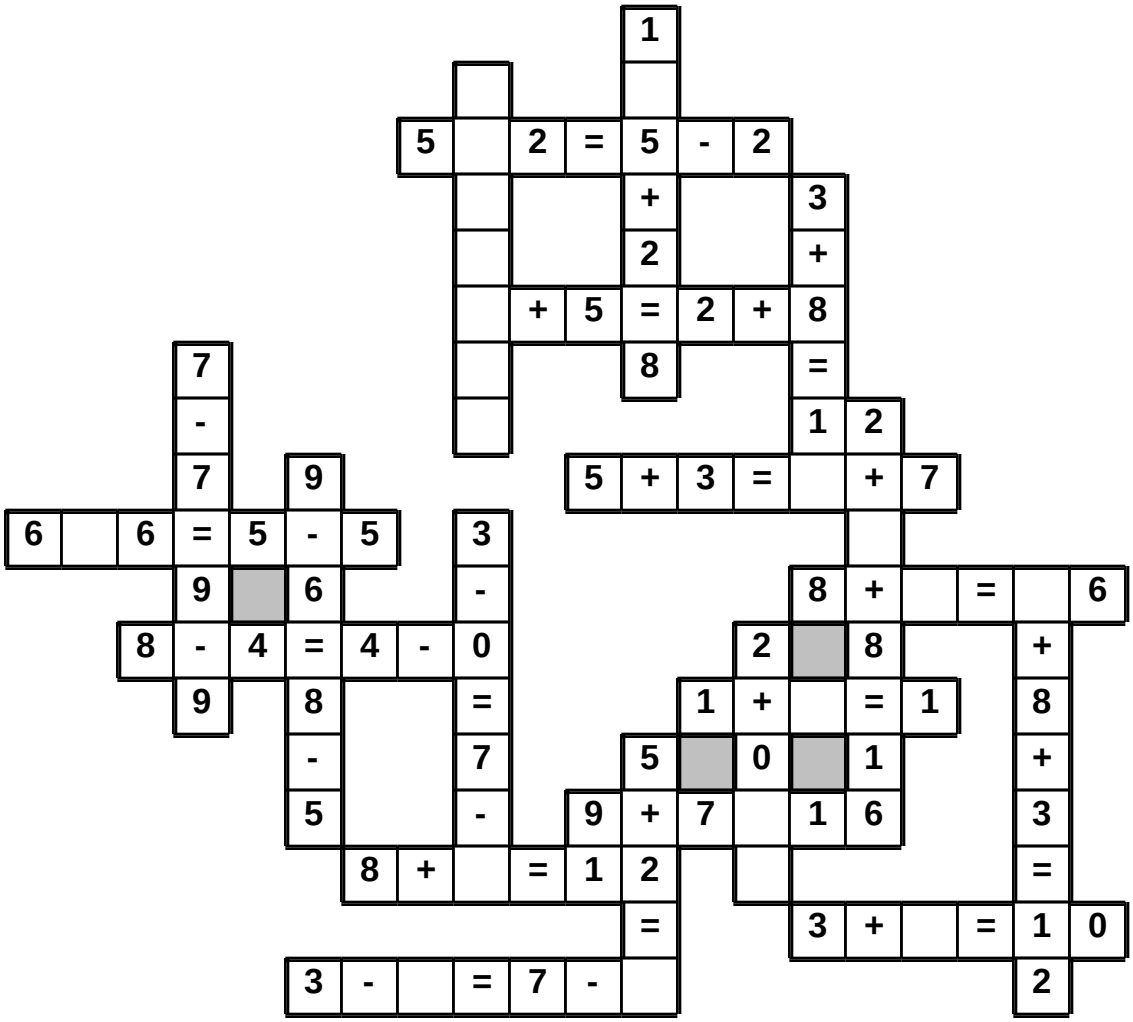
89,852 - 79,411 = _____

10 x 2 = _____

**Name:** _____

9 • + • - • 4 • = • 5 • - • 0 • 1 • - • 6 • 8 • 1 • 0 • = • 4 • 2
7 • 3 • 7

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




| | | | |
|---|---|---|---|
| 48 ÷ 12 = | 5 x 12 = _____ | 3 x 8 = | 132 ÷ 12 = _____ |

Emma is younger than Maria. Megan is older than Emma. Who's the oldest?

7,122 + 3,259 = _____

**Name:** _____

Five leprechauns (Jessica, Abigail, Ryan, Ethan, and Kaitlyn) are each different heights (2 feet and 8 inches, 3 feet and 1 inch, 2 feet and 3 inches, 3 feet and 8 inches, and 3 feet and 5 inches).

Figure out how tall each leprechaun is.

1. Jessica is the tallest leprechaun.
2. Ethan is taller than Kaitlyn and shorter than Abigail.
3. Ryan is taller than Kaitlyn and taller than Abigail.

Jessica is _____ tall.

Abigail is _____ tall.

Ryan is _____ tall.

Ethan is _____ tall.

Kaitlyn is _____ tall.

Can 216 be evenly divided by 6? Circle:
216 is NOT evenly divisible by 6
216 is evenly divisible by 6

Anna took three numbers greater than 1 and multiplied them. One number was six and the other number was fourteen. Of course, she forgot the last number, but she remembered the product was 1008. Is this possible?

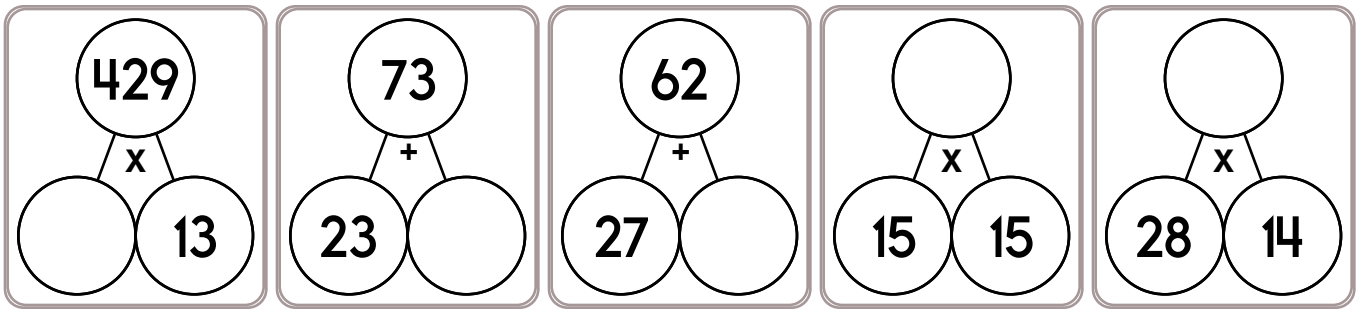
2 x 11 = _____

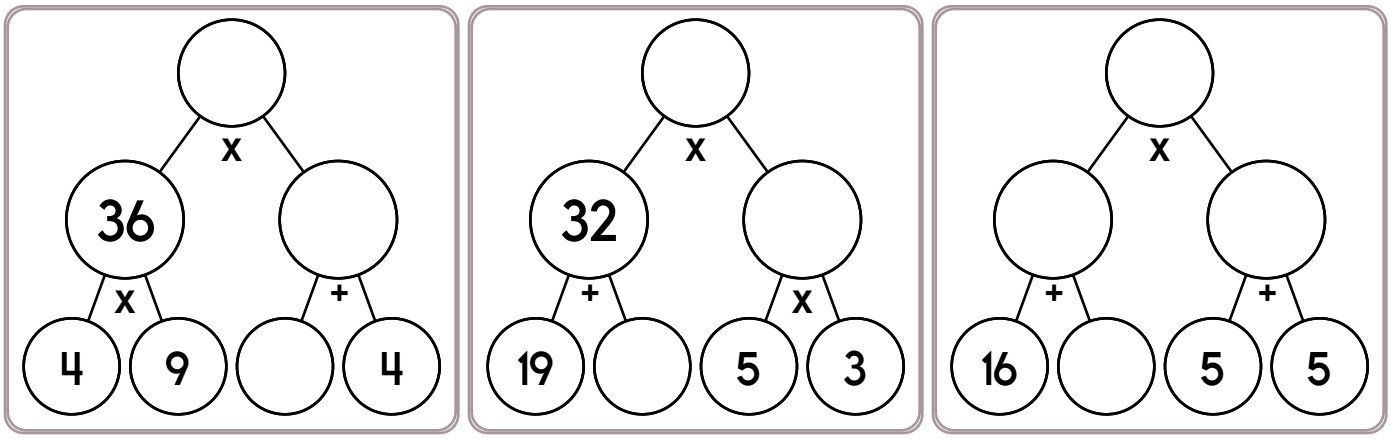
45 ÷ 5 =

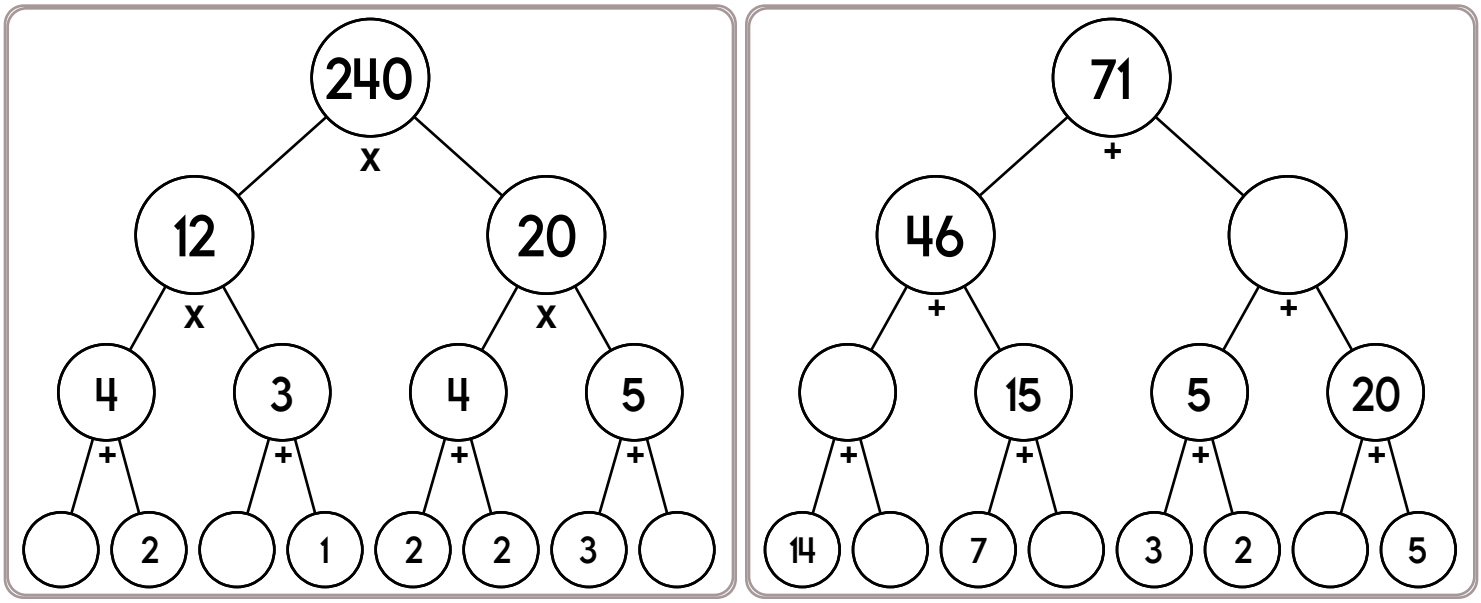
416 + 291 = _____

78,571 + 16,345 = _____

**Name:** _____




(12 + 10 + 5) =

J, E, I, D, H, C, _____, B,

F, A

0.6 (0.7 (0.6 + 8)) =

word root **favor** can mean **befriend** **favorite, unfavorable**

**Name:** _____

What is the greatest common factor of 8, 22, and 28?

What is the greatest common factor of 3 and 9?

6 + ___ = 15

What is the missing number?

8 + x = 16

What is the value of x?

___ + 34 = 40

What is the missing number?

x + 38 = 45

What is the value of x?

What is the greatest common factor of 12, 24, and 32?

What is the least common multiple of 5 and 3?

6 + y = 10

What is the least common multiple of 10 and 12?

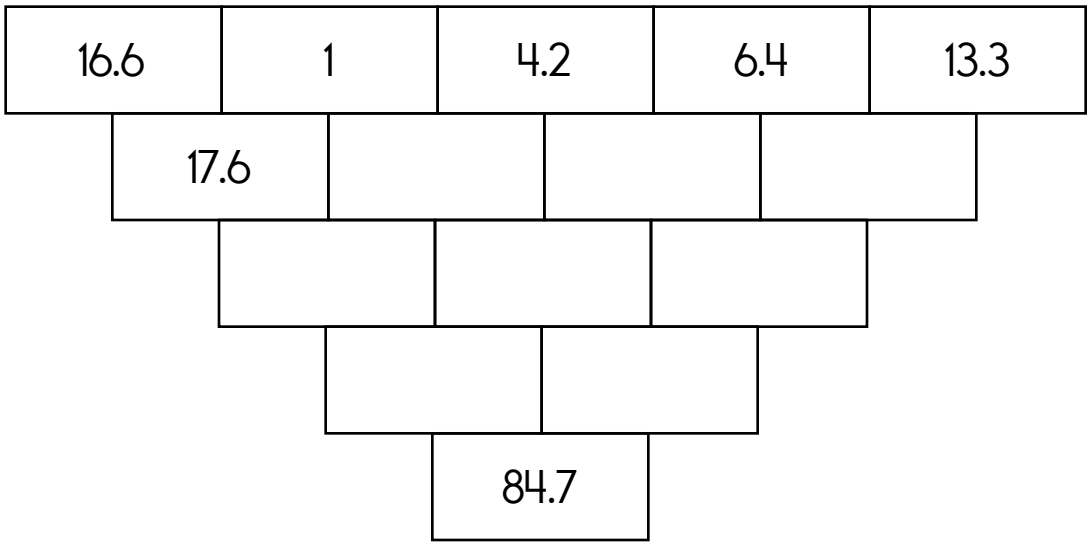
Write all the factors for the number 34.

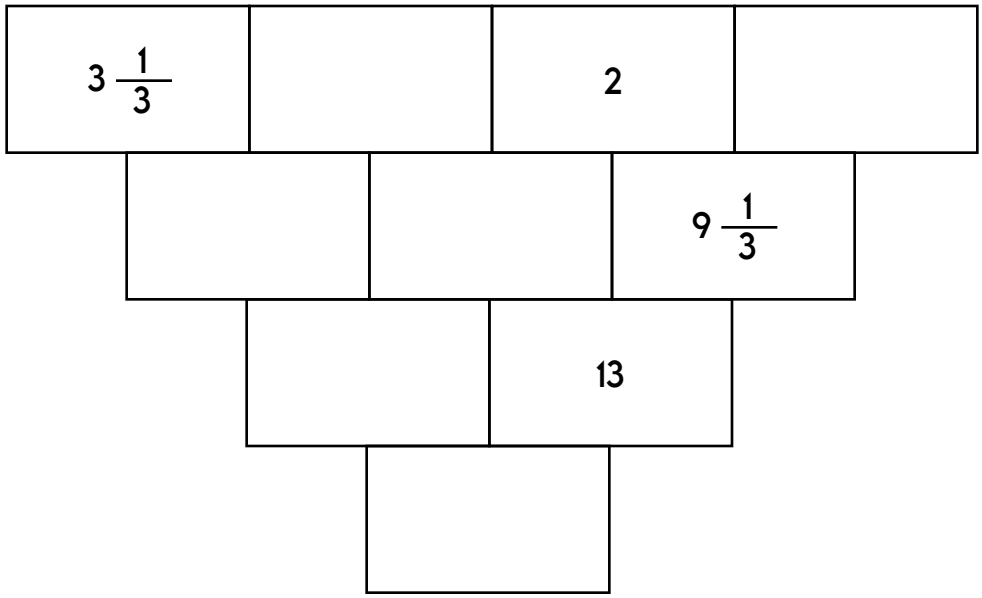
**Name:** _____

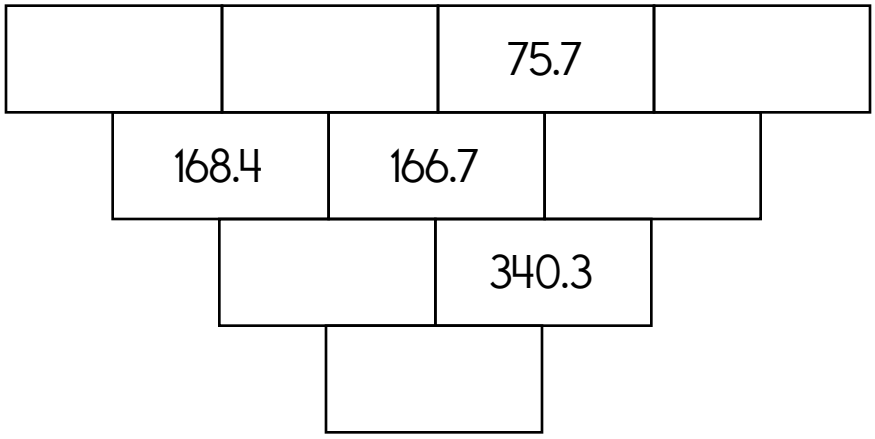
| | | |
|---|---|---|
| 2 - 4 - 2 = | $\frac{-99}{-9}$ = | -2 + 8 = |
| -3 - -2 = | -11 + 7 = | -3 + -4 = |
| -10 - 1 = | -6 - 10 = | -15 + 9 = |
| 16 + -29 = | -7 + 3 = | -3 + 11 = |
| 3 - 2 - 12 = | 60 ÷ -6 = | -35 + 25 = |

**Name:** _____

The block below is the sum of the two blocks above. Fill in the missing blocks.

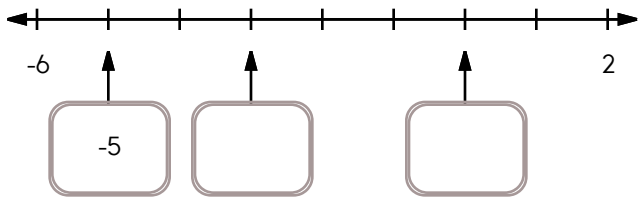


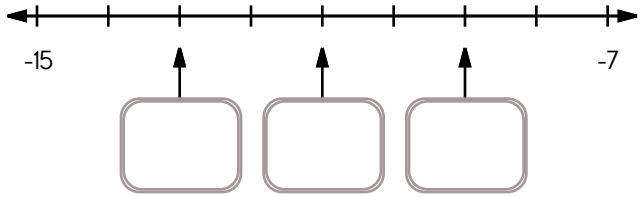



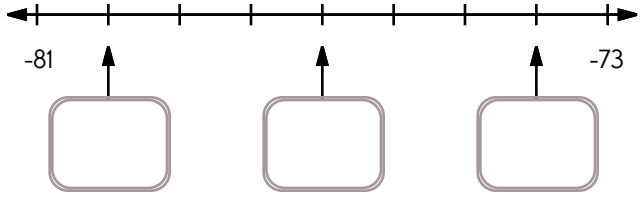

word root **in** can mean **not** **insomnia, insane**

**Name:** _____




Fill in the missing values to complete each number line.




**Write a positive or negative number for each.**

6 °C below zero

5 °C above zero

8 °C below zero

You had 30 points in a game and then you lost 36 points. How many points do you have?

**Write the opposite of each number.**

| | | |
|---|---|---|
| 22 | -15 | 1,049 |
| -1,406 | 380 | -1,445 |

**Complete each inequality using >, =, or <.**

| | |
|---|---|
| -6 ◯ -5 | -18 ◯ 4 |
| 15.8 ◯ -60.9 | -87.5 ◯ 15.1 |
| 64.6 ◯ 29.9 | -32.4 ◯ -81.3 |

**Write the smallest number.**

531, 4.09, -806, 444.5, 448, -6, 941, 894, 743.65, -2, -7.09, 8.6, -865, 342

**Write the largest number.**

-8, 533, -2, -503.08, -7.14, 146, -6, -631, 172, 901, -915, -988.4, 594.05, 596

**Write the largest number.**

9.14, -6, -5, 1, -384.5, 2, 4.01, 459, 440, -956.5, 7.37, 512, -3, 0

**Name:** _____

**Get a fidget spinner! Spin it.** **I needed to spin _____ time(s) to finish.**

|-10| - f = 4

f =

What is the remainder of 88 divided by 13?

Rewrite $\frac{4}{5}$ as a decimal.

What is the area of a rectangle with a length of 70 centimeters and a width that is $\frac{1}{5}$ the length?

Rosa climbed 7 meters in only 15.4 seconds. How many meters did she climb per second?

What is the prime factorization of 36?

How many possible values of w can there be if w is a number between 36 and 50, w is an even number, and w is evenly divisible by 4?

Rewrite as an algebraic expression or equation.

Eight thousand, three hundred thirty-five minus the product of t and 48.4.

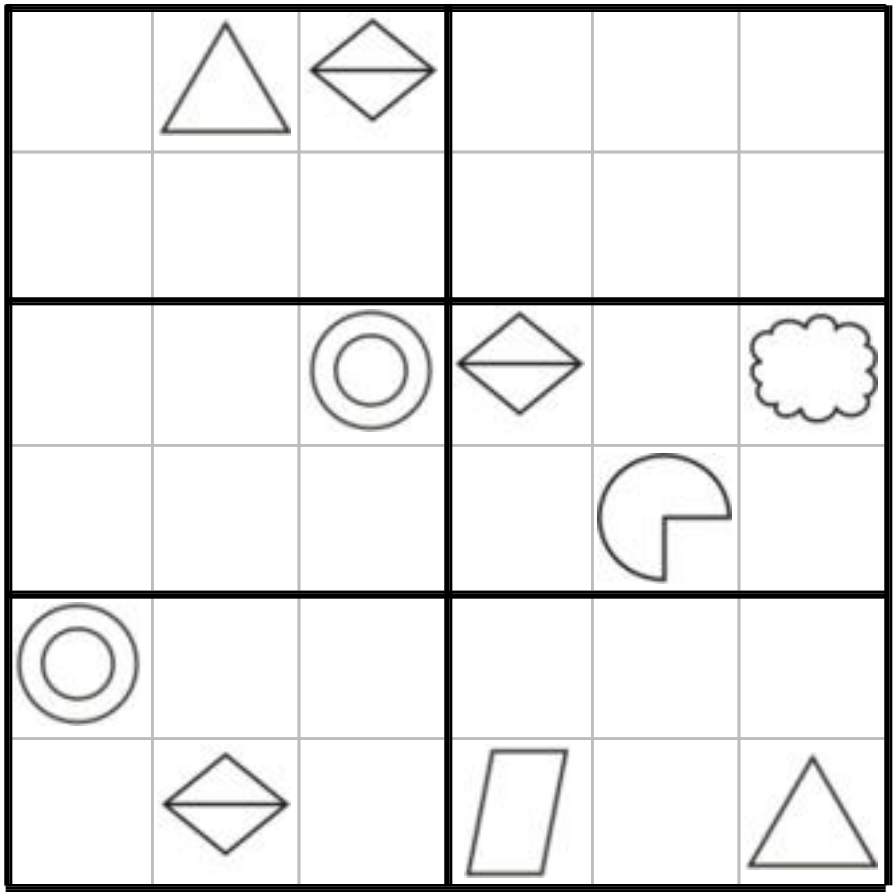
6 + 77 ÷ 7 - 24 ÷ 8 =

**Name:** _____

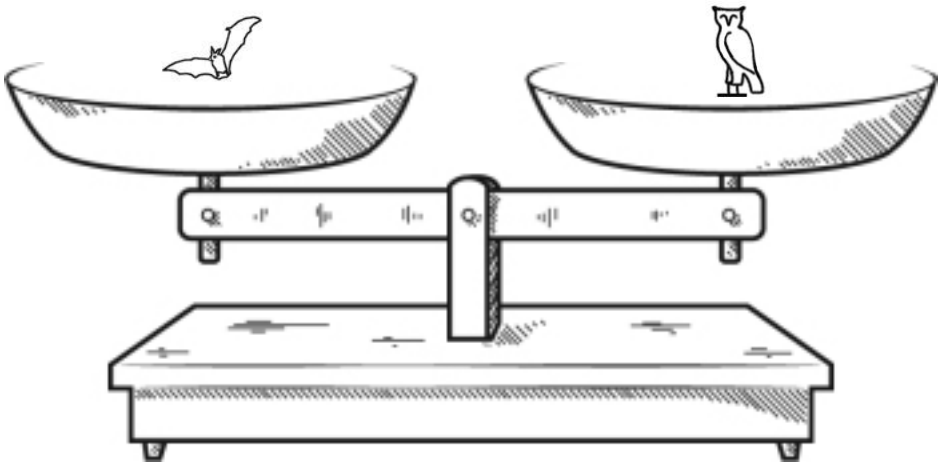
Each row, column, and box must have the numbers 1 through 6. The first box is done.

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

Each row, column, and box must have 6 different pictures.



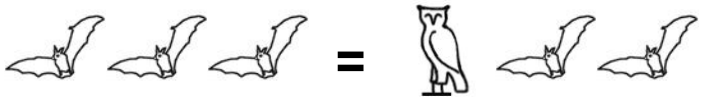
**Name:** _____



True ☐ False ☐

True ☐ False ☐

True ☐ False ☐

 True ☐ False ☐

True ☐ False ☐

True ☐ False ☐

**Did you find that two are true? If not, look again!**
**You should only mark TRUE if you are absolutely sure it is correct!**

Reduce $\frac{12}{14}$ to its lowest terms.

Find 5% of 268.

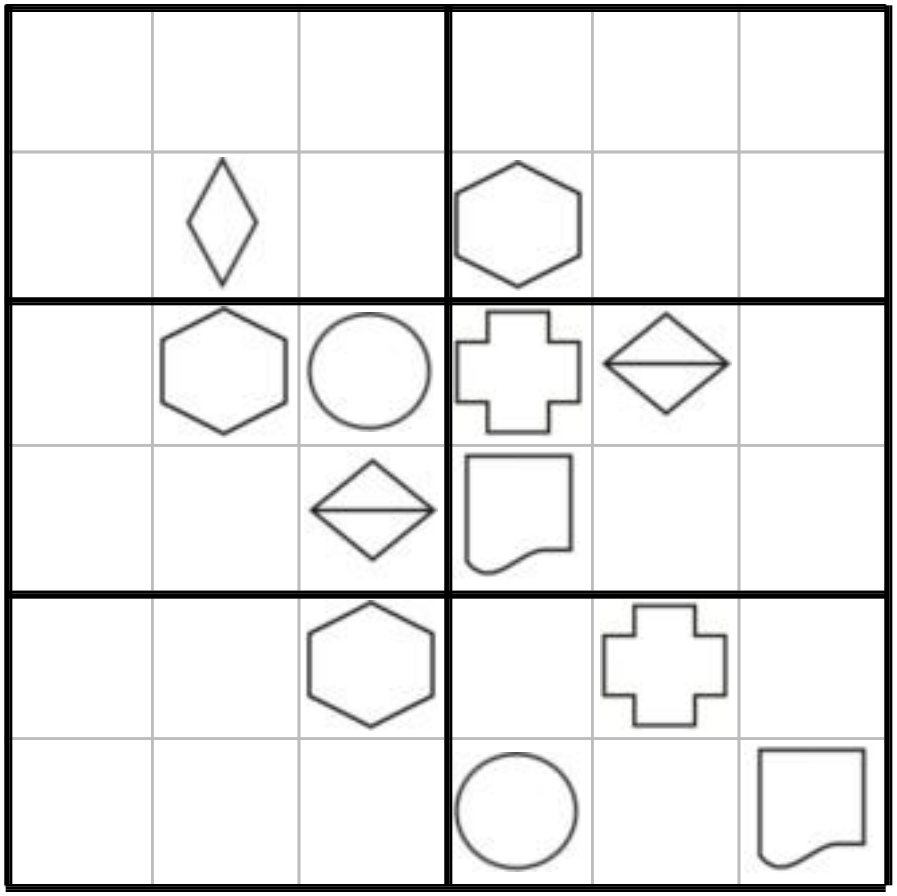
Change 2% to a decimal.

**Name:** _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

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

Each row, column, and box must have 6 different pictures.



**Name:** _____

tyrant • scale • cylinder • political • dialogues • typical

Each row, column, and box must have all the words from the word list. Write in the missing words.

| | | | | | |
|---|---|---|---|---|---|
| political | | | | typical | |
| | dialogues | | | | scale |
| | | | | | tyrant |
| | | scale | | | political |
| | | | tyrant | | |
| dialogues | tyrant | cylinder | | | |

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

two hundred fifty-one thousand, two hundred fifty-four

_____

Write the numbers 40 to 60 on a sheet of paper.
How many of these numbers are divisible by 6?

_____

67,938 + 47,763 = _____

4 x 3 = _____

3 x 2 = _____

9 x 8 = _____

Can 666 be evenly divided by 9? Circle:
666 is evenly divisible by 9
666 is NOT evenly divisible by 9

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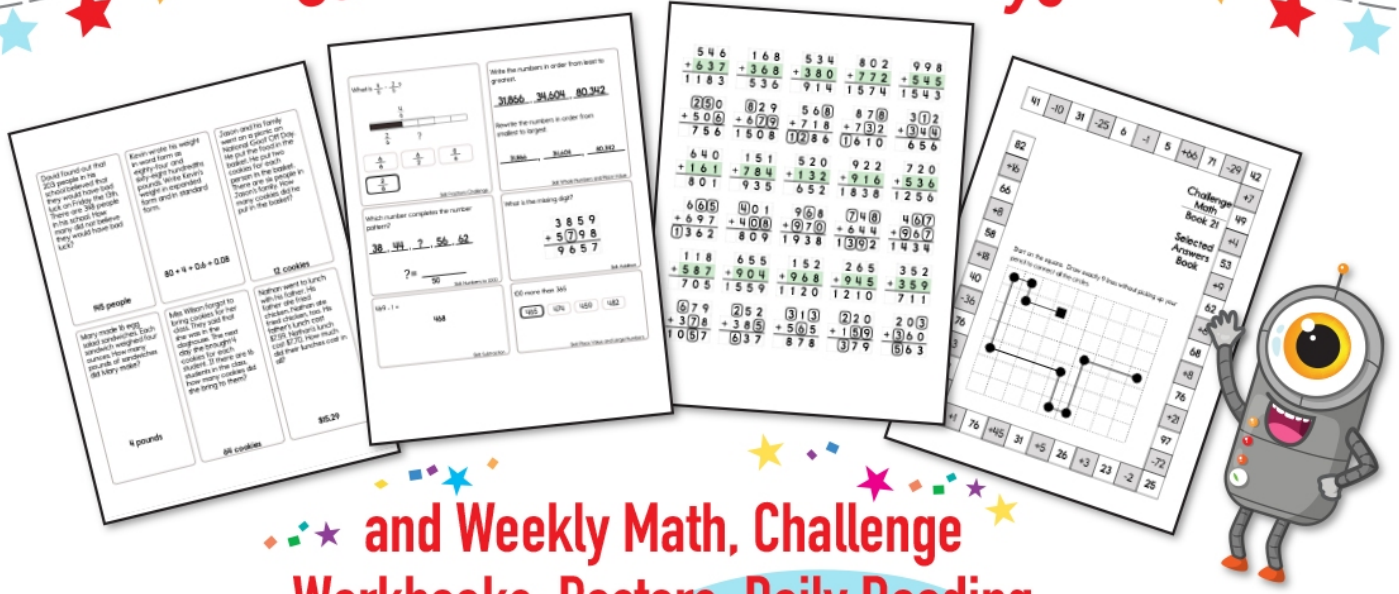

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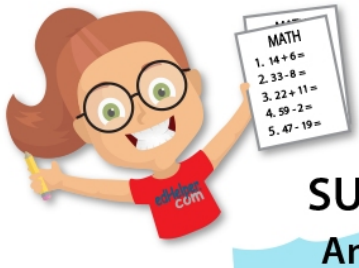

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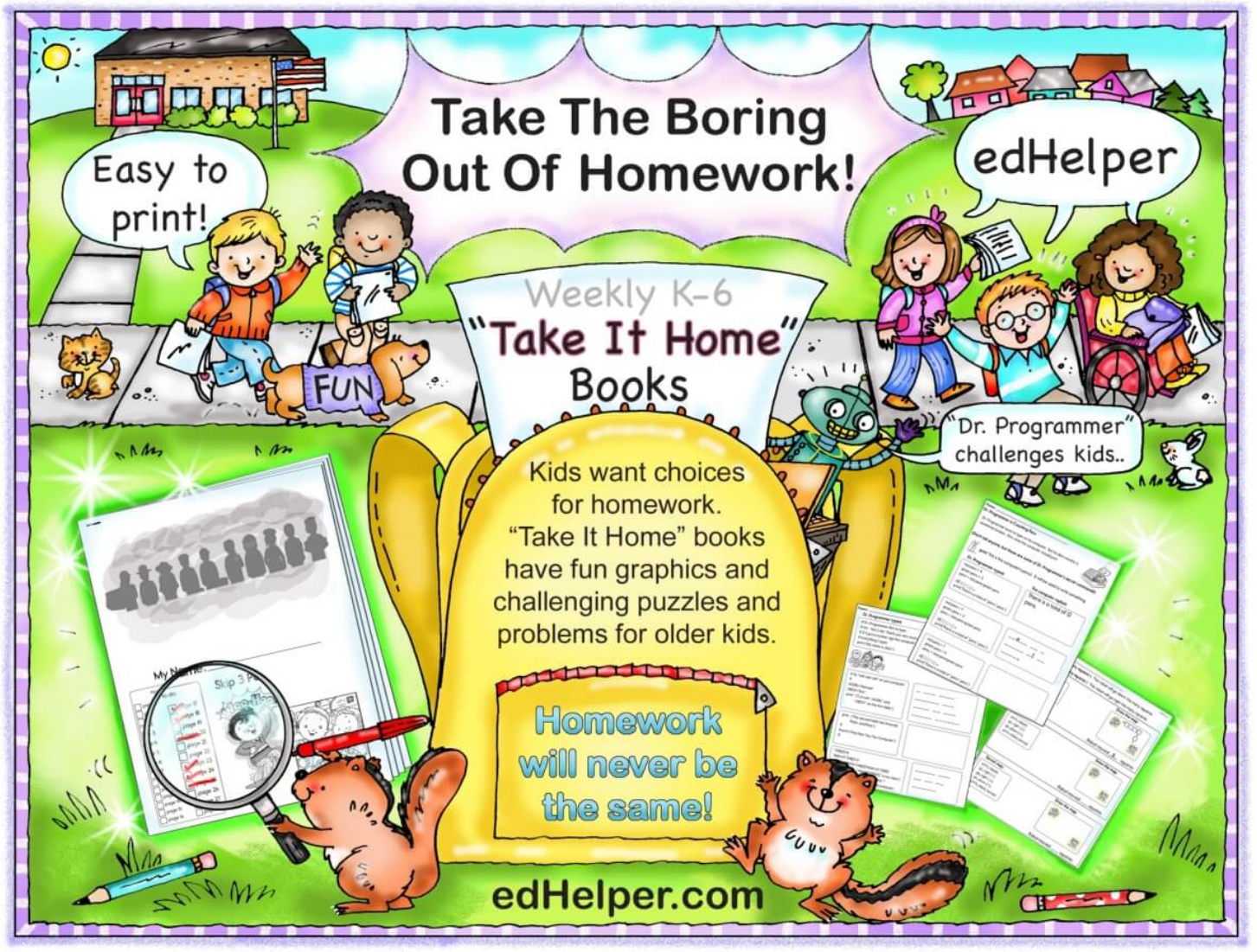
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