MathWorksheets.com
Week of October 20

Name: _____

Get a fidget spinner! Spin it.

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

0.1 • 5 =

t - 7 + t = 37
What is the value of t?

45, 64, 83, 102, 121, 140,

159, _____, 197, 216

What is the mode of the following number set?

16, 15, 18, 25, 28, 24, 29, 21, 14, 23, 27, 22, 19

$\frac{4}{7} \times \frac{5}{10}$

5 + 99 ÷ 9 - 80 ÷ 8 =

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

6 + (99 ÷ 9) - 120 ÷ 12 =

Use >, <, or = to complete.

71% ___ $\frac{3}{12}$

10% ___ $\frac{1}{10}$

$\frac{2}{10}$ ___ 83%

Circle the percentage that is closest to 32 out of 57:

98%
5%
56%
22%

7 + 4 x 12

(14 + 9 + 15) =

MathWorksheets.com
Week of October 20

Name: _____

Spin again.

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

|-8| + h = 3

h =

If a = 9 and b = 5, then
3a + b =

(0.4)(0.13)

The angles in a quadrilateral measure 101°, 89°, 112°, and y°. What is the value of y?

0.8 (0.9 (0.8 + 5)) =

What is the mode of the following number set?

75, 92, 75, 77, 91, 84, 98, 97, 76, 89, 96, 86, 95, 93, 73

6 + 9 x 6 + 12

$5 \times 5 \times 5 \times 5 = 5^x$

What is the value of x?

12 + 3 - 5

In what quadrant would you find the point (11, -13)?

$8.8414 \times 10^2 =$

0.06 x 0.4

Name: _____

In right triangle CDE, $\angle C$ is the right angle, and $\angle D$ is 22° more than $\angle E$.
What is the measure of all three angles?

I am a 3-digit number with a 9 in the tens place. My ones digit is 2 more than my hundreds digit. Write any number that fits this.

-2 + 16 = ____

7 - 9 =

What is the number that is 8 less than 3?

Name: _____

Geotest, Inc. drilled a hole in a granite batholith that was 882 meters deep. Globomax, Inc. drilled one in the same formation that was 1331 meters deep. What was the difference between the depths?

When our teacher handed out our math test, she told us to omit problems 4, 7, 9, 11, and 15. There were thirty-five problems on the test. What percent of the problems did we have to solve (to the nearest percent)?

If the temperature starts out in the morning at 14°C but drops 17° by midnight (a cold front blew in), what is the temperature then?

Dr. Smith has asked you to prepare a 4% potassium sulfate solution. What mass of potassium sulfate (in grams) must be dissolved in 65 ml of water to obtain a solution that will meet his approval?

What is the probability of choosing a heart from a standard deck of 52 randomly arranged playing cards?

The water potential in one plant cell was calculated to be -3 bar. The water potential in another cell was found to be -11 bar. What was the difference in water potentials? Note: the bar is a pressure unit equal to about 14.5 PSI.

Mr. Bloop drives 19 kilometers at an average speed of 57 km/hr. Mrs. Bloop drives the same distance at an average speed that is 3% faster than Mr. Bloop's. How long does it take her to travel the 19 km distance? Round your answer to the nearest hundredth of a minute.

Peter won 89 percent of his wrestling matches this year and came in third at the state tournament. If he competed in 36 matches over the course of the season (including the state tournament), how many did he lose?

Name: _____

If the average marshmallow weighs 0.12 ounces, how much will a bag of 65 marshmallows weigh? Don't forget to include 3.5 ounces for the weight of the bag.

77 ÷ 11 = _____

Rewrite these in increasing order of length:

93 mm, 268 dm, 610 cm, 442 km, 9 m

$$\begin{array}{r} 93 \\ -\ 48 \\ \hline \end{array}$$

7 x 5 =

What is the largest possible product of two two-digit numbers? Show the two numbers.

$$\begin{array}{r} 38 \\ +\ 20 \\ \hline \end{array}$$

$$\begin{array}{r} 268 \\ +\ 276 \\ \hline \end{array}$$

956 - 416 = _____

Name: _____

11 x 4 = _____

40 ÷ 4 =

Fill in the missing operations to complete this equation:

3 ____ 4 ____ 36 = 48

Can 374 be evenly divided by 11? Circle:
374 is evenly divisible by 11
374 is NOT evenly divisible by 11

$$\begin{array}{r} 637 \\ -\ 199 \\ \hline \end{array}$$

24 ÷ 12 = _____

The letters F, G, J, L, N, P, Q, R, S, and Z do not have line symmetry. The rest of the letters in the alphabet do. Can you write someone's name where the complete name has line symmetry? Hint: You cannot use all of the letters. You could use B in a name, but M would not work.

3 x 11 =

9 kg = _____ g

1 cm = 10 mm

17 cm = _____ mm

6 x 11 = _____

7 x 8 =

How many kilograms are in 2,000 grams?

_____ kilograms

60 ÷ 5 = _____

What number is halfway between 6 and 18?

40 ÷ 8 = _____

8 ÷ 4 = _____

44 ÷ 11 =

Name: _____

22,118 + 35,462 = _____

121 ÷ 11 = _____

59,752 + 78,986 = _____

In the number 3,586,085, the digit 3 is in what place?

_____

How many dimes make $3.20?

Write the missing family fact.

250 ÷ 10 = 25
10 x 25 = 250
250 ÷ 25 = 10

_____

What time is 13 hours after 2:00 p.m.?

_____

4 x 3 = _____

Pick a month. Can you make up a calendar for your month with five Saturdays? Show your calendar below:

80 ÷ 8 =

7 x 9 = _____

Write the numbers 60 to 85 on a sheet of paper.
How many of these numbers are divisible by 2?

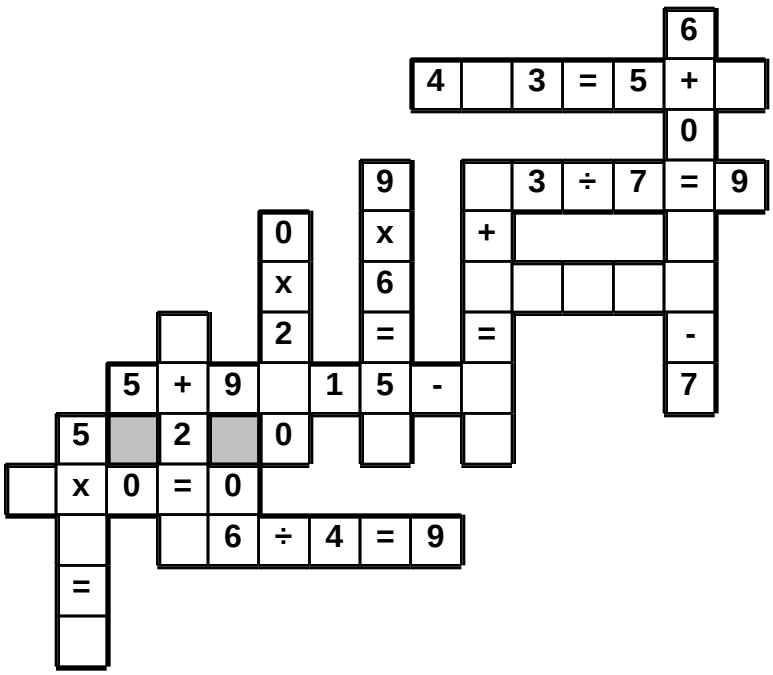
_____

24 ÷ 2 = _____

Name: _____

+ • 2 • 6 • 1 • 6 • ÷ • 2 • = • 3 • 1 • = • 1 • 4 • 2 • 6 • 1 • 3 • 5

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



110 ÷ 10 = _____

11 x 6 = _____

You cannot decide what pizza store to go to. Mary's pizza cuts their pizza into 4 slices. Each slice costs $4 each. Hannah's pizza cuts their pizza into 5 slices. Each slice costs $3 each. If you like each pizza the same, which pizza store has the better buy?

For 7,673,147,998,413, write the digit that is in the ten thousands place.

_____

15 ÷ 3 = _____

4 x 8 = _____

Name: _____

Destiny, Zachary, John, and Hannah each completed their homework. One took forty-five minutes, one took eighty-nine minutes, one took eighty-five minutes, and one took fifty-five minutes to complete their homework.

How long did each person take to finish his or her homework?

1. Hannah started working twenty-three minutes after Zachary and finished nineteen minutes after Zachary.
2. John started working at 3:26. Destiny started working eighteen minutes after John and finished at 4:29.
3. John started on the assignment at 4:50 p.m. John took a forty minute break at 5:15 p.m. to eat dinner. John continued working after dinner and finished the assignment at 6:25 p.m.
4. John needed less time than Zachary to finish.
5. Destiny needed less than an hour to finish.

Destiny took _____ to finish.

Zachary took _____ to finish.

John took _____ to finish.

Hannah took _____ to finish.

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

six hundred eighteen thousand, five hundred eighty-two

_____

110 ÷ 10 = _____

77 ÷ 11 = _____

110 ÷ 10 = _____

5 x 2 = _____

Name: _____

Jason and Mary are a team. Jason makes robots, and Mary fits them for fancy robot clothes. They have two models. Model One is very small at only 9.3 inches. The other is bigger, but Jason only gave Mary a calculation as the robot is still in production. Jason wanted it to be 2 times the size of Model One, but it turns out the prototype is 3.7 inches shorter than that. How big is the prototype?

Put one line under the smallest number. Put two lines under the next smallest, and so on. The largest number should have 4 lines under it.

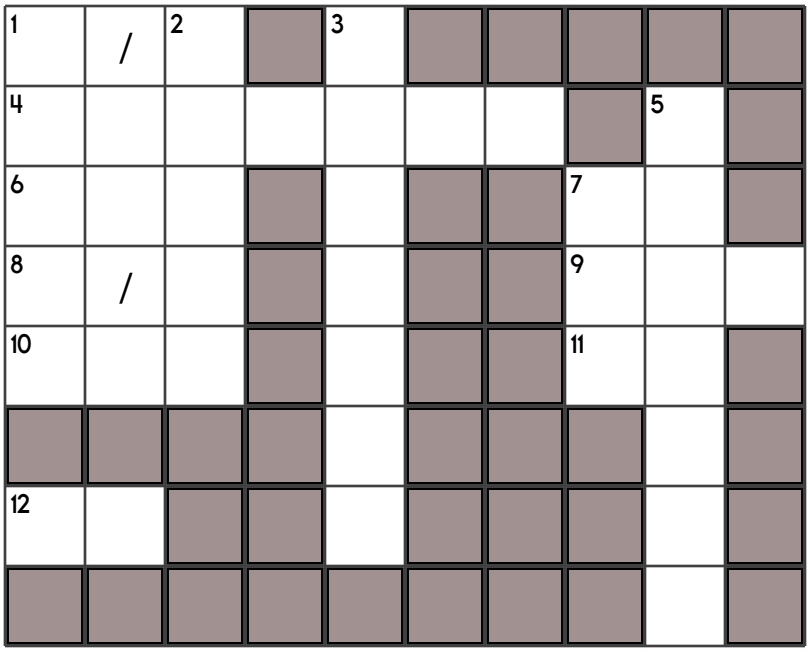
12.3 -3.2 -3.5 12.1

In each group, use 4 of the numbers to make a proportion.

50 3 4 46 6 8

16 81 18 30 72 42

Name: _____



ACROSS

1 Multiply: $\frac{6}{8} \times \frac{4}{6}$ (find a solution with a denominator of 6)

Write into 1 across: __ / __

4 320 - 9

a. answer: 3 1 1

7447 - 4

b. answer: 7 4 4 3

Full 4 across answer: 3 1 1 7 4 4 3 (a a a b b b b)

6 Halve 1766.

7 11 + 11 + 11 + 11 + 11

8 $\frac{1}{4} \div \frac{2}{4}$ (find a solution with a denominator of 6)

Write into 8 across: __ / __

9 Round 967.1 to the nearest whole number.

10 Round 214.3 to the nearest whole number.

11 (Roman numeral) XXXVII =

12 35, 41, 47, 53, ___

DOWN

1 Write the numeral thirty-three.

a. answer: __ __

Double 416.

b. answer: __ __ __

Full 1 down answer: __ __ __ __ __ (a a b b b)

2 26, 33, 40, 47, 54, ___

a. answer: __ __

Double 182.

b. answer: __ __ __

Full 2 down answer: __ __ __ __ __ (a a b b b)

3 950 - 4

a. answer: __ __ __

Write the numeral three thousand, six hundred thirty-four.

b. answer: __ __ __ __

Full 3 down answer: __ __ __ __ __ __ __ (a a a b b b b)

5 Halve 912.

a. answer: __ __ __

7183 - 6

b. answer: __ __ __ __

Full 5 down answer: __ __ __ __ __ __ __ (a a a b b b b)

7 600 - 7

Name: _____

Can you draw lines to cover every number or shape in the picture?

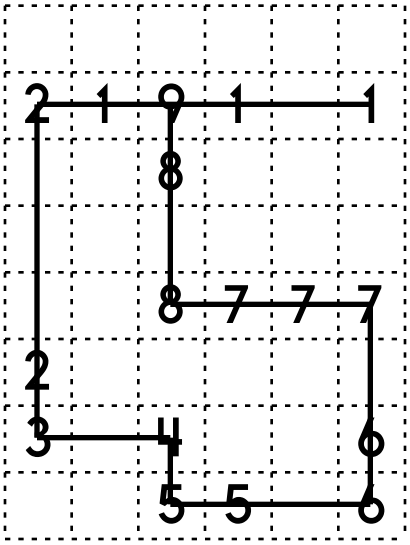
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

The first one is already done for you. Good luck.

Draw exactly 8 lines.

Start on 1.

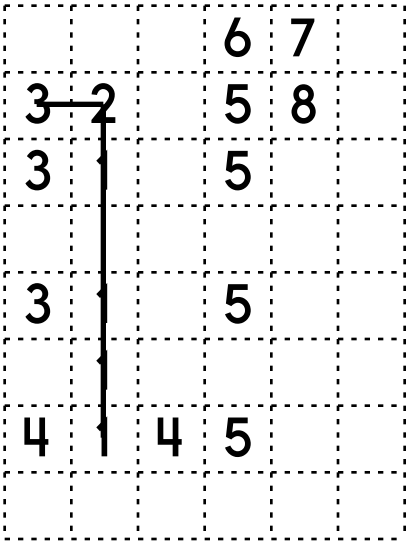
Do not pick up your pencil.



Draw exactly 7 lines.

Start on 1.

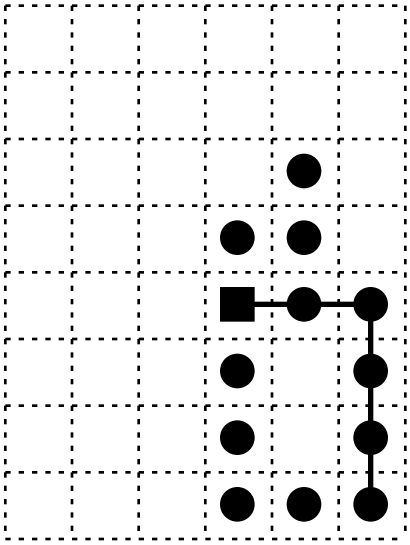
Do not pick up your pencil.



Draw exactly 6 lines.

Start on the square.

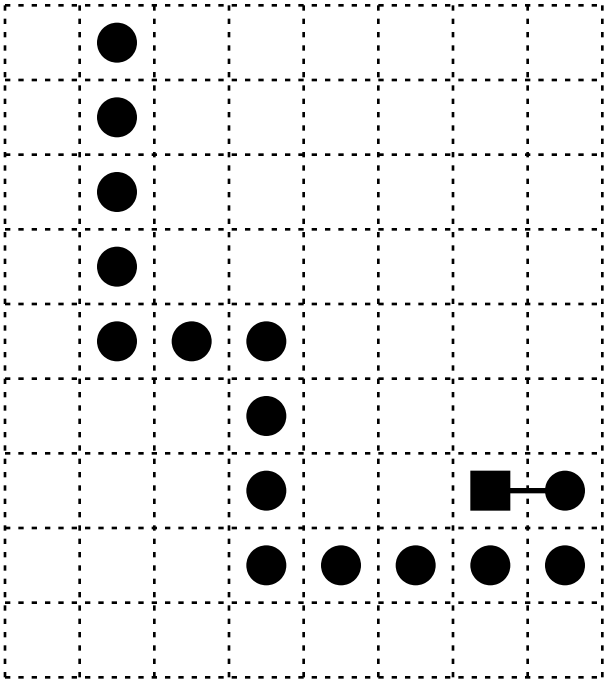
Do not pick up your pencil.



Draw exactly 6 lines.

Start on the square.

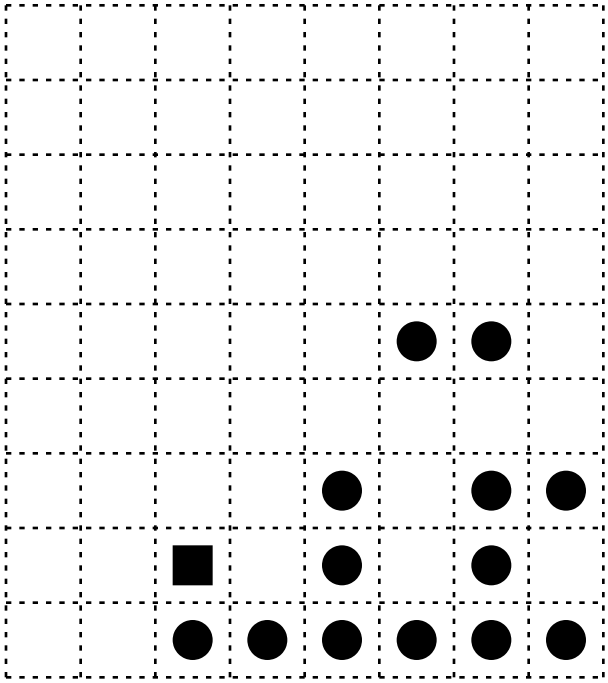
Do not pick up your pencil.



Draw exactly 9 lines.

Start on the square.

Do not pick up your pencil.

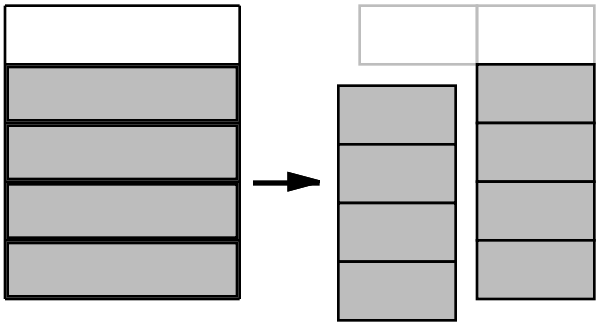


Name: _____

$\frac{1}{2}$ of $\frac{4}{5}$ = $\frac{\square}{\square}$ x $\frac{\square}{\square}$

= $\frac{\square}{\square}$

Draw it.



$\frac{1}{6}$ of $\frac{5}{6}$ = $\frac{\square}{\square}$ x $\frac{\square}{\square}$

= $\frac{\square}{\square}$

Draw it.

$\frac{1}{2}$ of $\frac{3}{4}$ = $\frac{\square}{\square}$ x $\frac{\square}{\square}$

= $\frac{\square}{\square}$

Draw it.

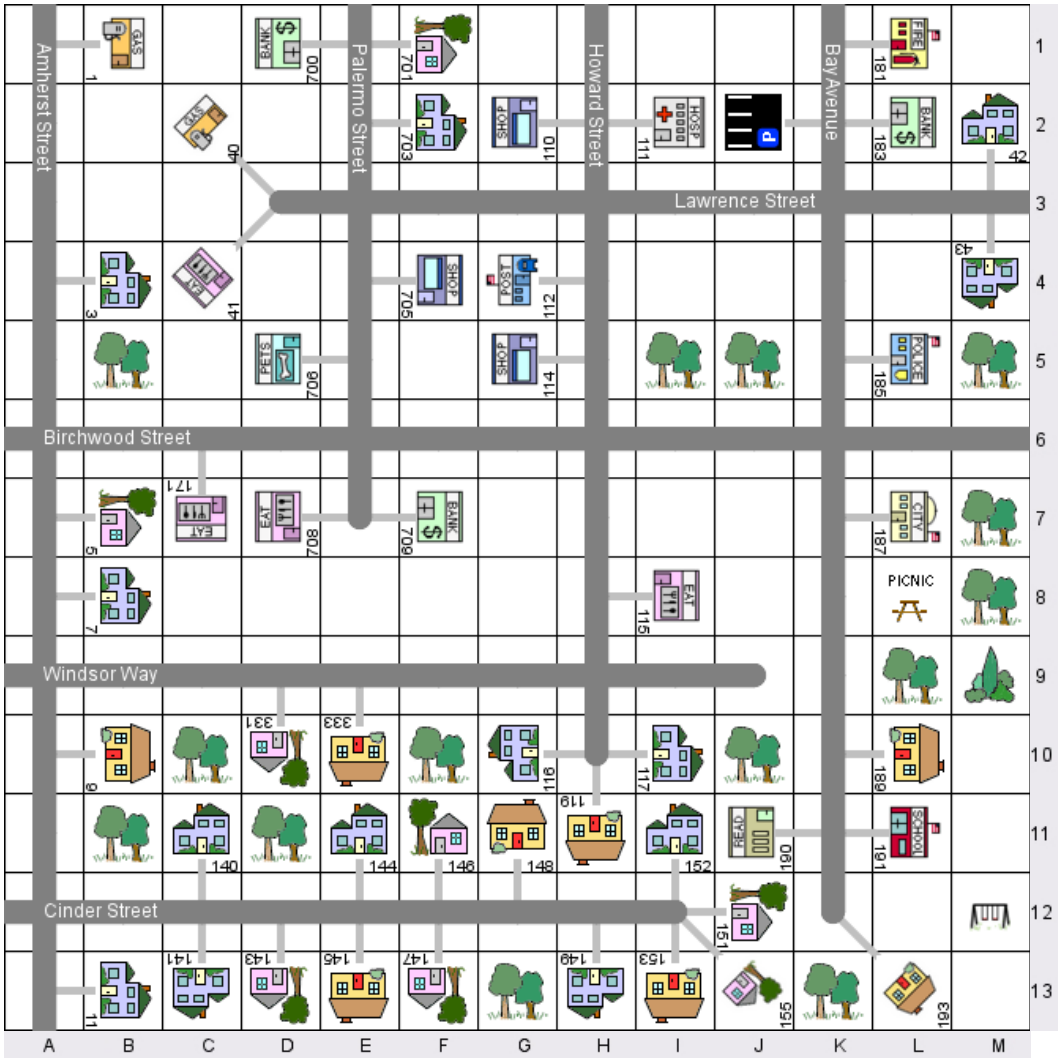
$\frac{2}{4}$ of $\frac{3}{6}$ = $\frac{\square}{\square}$ x $\frac{\square}{\square}$

= $\frac{\square}{\square}$

Draw it.

Name: _____

= 150 meters



Circle the one at M,8.

Circle the one at H,11.

3 Amherst Street is at _____.

151 Cinder Street is at _____.

116 Howard Street is at _____.

708 Palermo Street is at _____.

110 Howard Street is at _____.

141 Cinder Street is at _____.

Name: _____

Circle the building that is located on Lawrence Street.

Which street has a hospital?

_____

Which street has a post office?

_____

Go _____ to drive from the house at 193 Bay Avenue  to the fire station at 181 Bay Avenue 

.

[Hint: Use north, south, west, or east.]

Palermo Street is _____ of Howard Street.

Lawrence Street is _____ of Cinder Street.

Begin at the hospital at 111 Howard Street. Walk the path to the road. Once you reach the road, you have already walked 107 meters. Go south on Howard Street. Your final destination is on the east side of Howard Street. You will have walked a total of 81 meters from your starting point (including the 107 meters path at the end of your walk). What is your final destination?

Write the total distance to go from the fire station at 181 Bay Avenue  to the house at 7 Amherst Street  .

Write the total distance to go from the house at 119 Howard Street  to the restaurant at 115 Howard Street 

.

Begin at the house at 3 Amherst Street. Walk the path to the road. Once you reach the road, you have already walked 107 meters. Go south on Amherst Street. Your final destination is on the east side of Amherst Street. You will have walked a total of 64 meters from your starting point (including the 107 meters path at the end of your walk). What is your final destination?

Name: _____

Reduce each fraction to a mixed numeral in its lowest terms.

$\frac{38}{18}$ =

$\frac{189}{27}$ =

$\frac{16}{32}$ =

$\frac{76}{8}$ =

$\frac{78}{15}$ =

$\frac{261}{63}$ =

$$\begin{array}{r} 81 \\ 63 \\ +\ 93 \\ \hline \end{array}$$

Use a protractor to draw an acute angle $\angle ABC$.

Find the sum of 1, 469, 67, and 694.

$\frac{3}{5} = \frac{15}{?}$

Find the difference between 15.2 and 11.5.

Find the least common denominator.

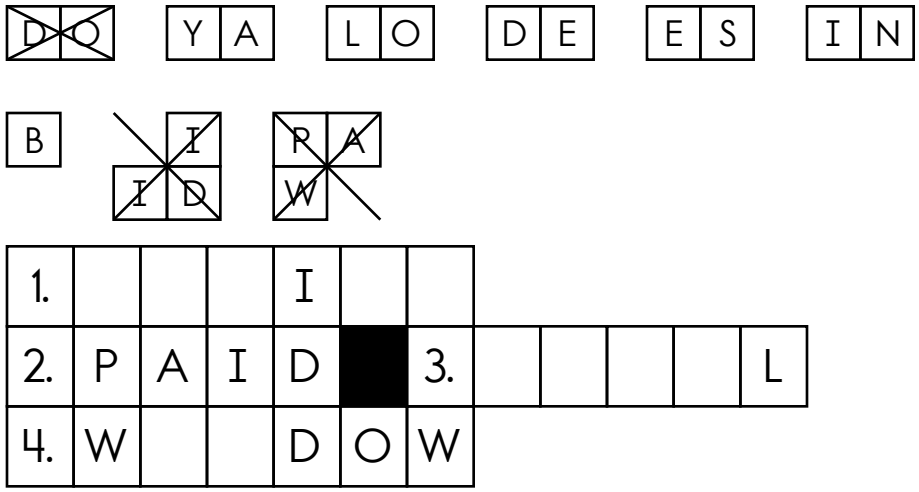
$\frac{15}{12}$ and $\frac{10}{48}$

$$\begin{array}{r} 668 \\ 381 \\ +\ 8{,}709 \\ \hline \end{array}$$

Change to a percent.
0.13

Name: _____

Use each of the blocks to spell four different words.
Hint: The word paid is a word in the blocks.



Draw one line to find two words in each puzzle. The bold letters start each word.
You can move in any direction, including diagonal. Write the two words that you find.

O V Z D W M I E
C B I B Z U K T
S Z N Q G A C A
A R N **E** O R E **J**
C N W W X X T D
R E A A Q H H I
J I W F A I B I
W U E E I O S Q

_____ _____

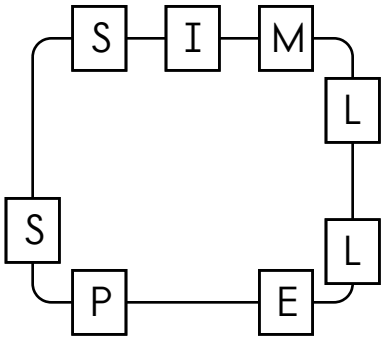
T V C J E J L H
O C E Z U U A M
E C R E I I S A
J **I** O Q P P E C
N R C M E I P Z
T U X E E W D B
K U Z H I W U M
K H B G A W N A

_____ _____

K E D Z E V O T
R I D U F A O K
A I **G** I Q P T T
A M E I R A I Y
C N **R** I I E I I
E E T T O D E U
O F O L L O Q Q
E F E P V I E G

_____ _____

Write the hidden word. Start at one letter and then move either left or right. Continue in same direction.



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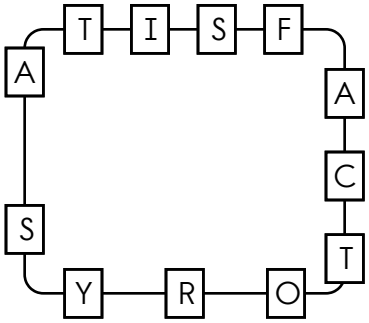
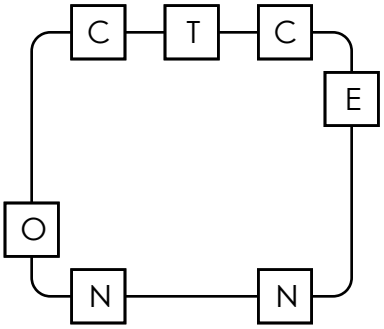


_____



_____

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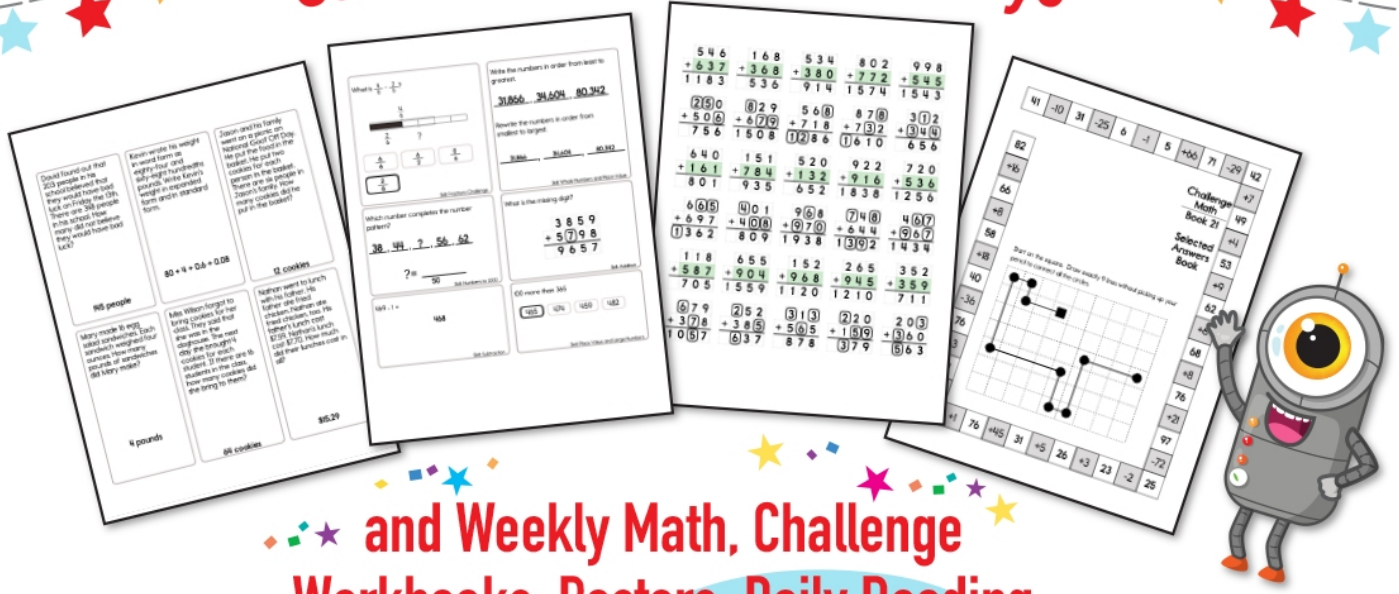

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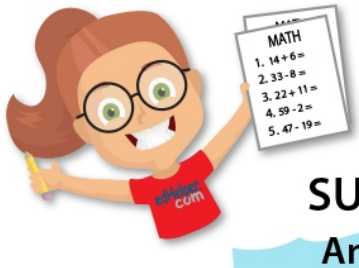

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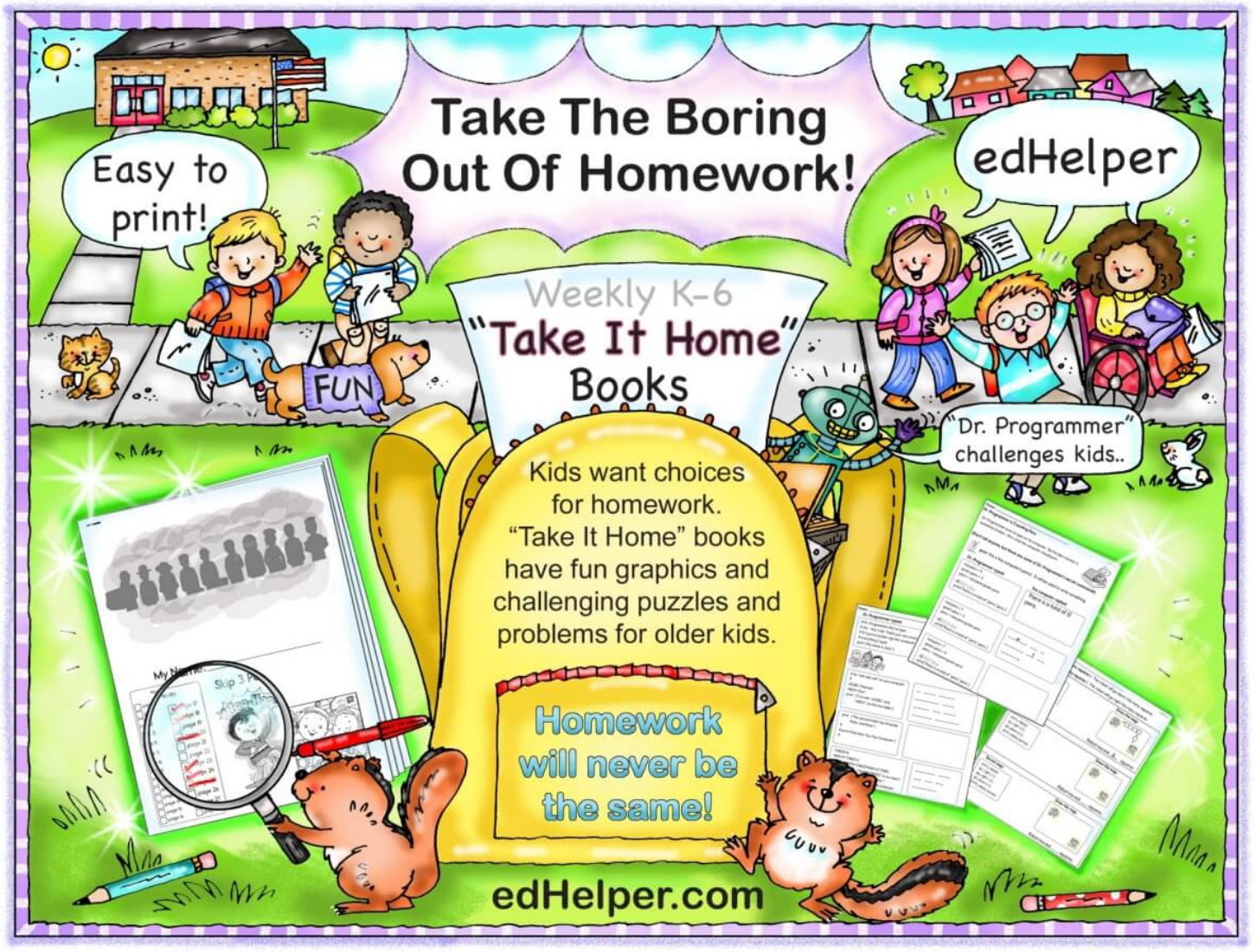
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