

| | | | | | | | |
|-----------------|-----|----------------|--|--|--|--|--|
| 66 | -45 | | | | | | |
| | | +12 | | | | | |
| | | | | | | | |
| $-\frac{2}{3}$ | | $-\frac{2}{3}$ | | | | | |
| | | | | | | | |
| $-7\frac{5}{7}$ | | | | | | | |
| | | | | | | | |
| +1 | | +21 | | | | | |

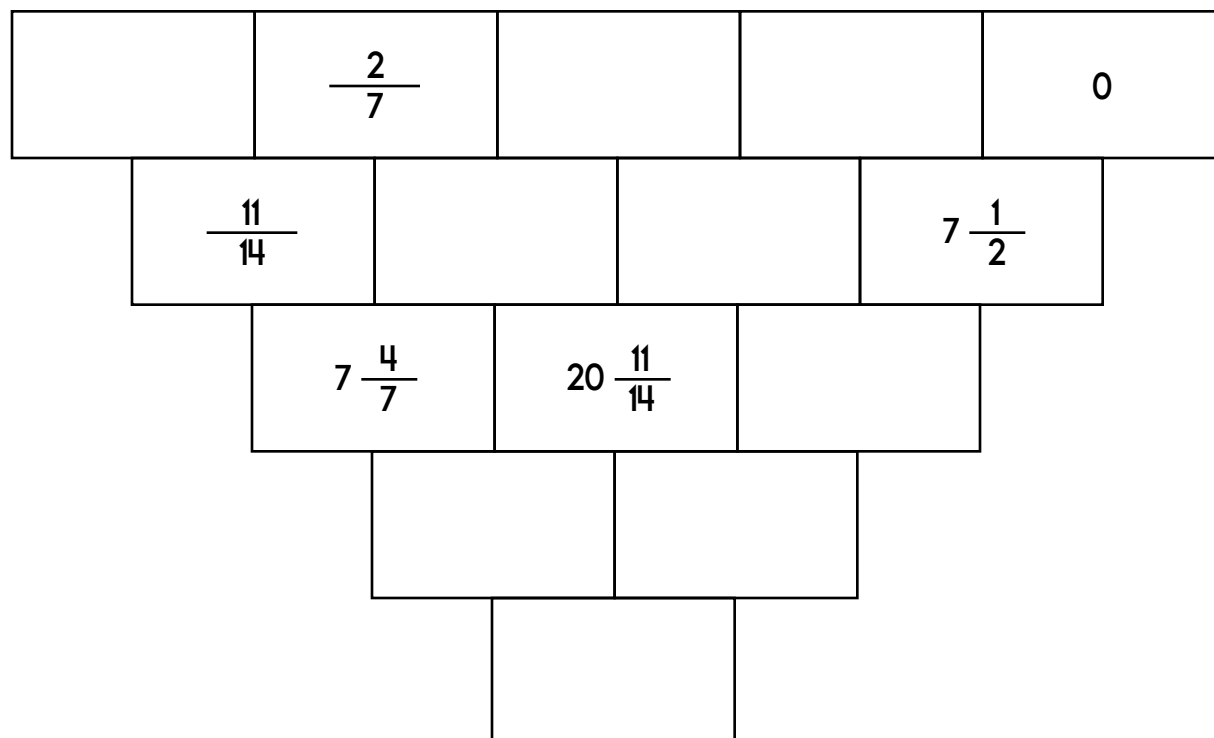
| | | | | | |
|-----------------|----------------|--|----------------|--|----------------|
| | $-\frac{4}{7}$ | | $-\frac{1}{3}$ | | +18 |
| -5 | | | | | |
| $88\frac{4}{7}$ | | | | | $-\frac{1}{3}$ |
| $-\frac{2}{3}$ | | | | | |
| | | | | | |
| | | | | | |
| $-6\frac{5}{7}$ | | | | | |
| | | | | | |
| +50 | | | | | |

| | | | | | |
|-----------------|--|-----|--------------------|--|--|
| | | | | | |
| | | | | | |
| | | | | | |
| +41 | | +29 | | | |
| | | | | | |
| | | | | | |
| $-8\frac{3}{7}$ | | | | | |
| | | | | | |
| -11 | | -28 | $122\frac{19}{21}$ | | |

What time is 16 hours after 4:00 p.m.?

$$\begin{array}{r} 35 \\ - 16 \\ \hline \end{array}$$

Emily wants Maria to guess a three digit number. She tells Maria that her number has three different digits. The digits are 3, 5, and 8. Maria thinks. She then guesses the number 583. What are the chances that Maria has guessed correctly?

[illegible]

Name: _____

It has been very rainy in Maria's hometown this year. It even rained on Splurge Day! Maria couldn't go to the beach! It has rained 3 inches in the last four days. On Monday it rained $\frac{1}{2}$ inch. On Tuesday it rained $\frac{1}{2}$ inch. On Wednesday it rained $\frac{2}{5}$ inch. How much did it rain on Thursday?

Jessica is making five posters to honor some of the firefighters and police officers that helped in the rescuing of people from the World Trade Center towers in New York City. She divided each piece of poster board into eighteen sections. There will be pictures of firefighters in two-ninths of the sections, pictures of police officers in seven-eighteenths of the sections, and text in the rest of the sections. How many sections will contain text on each poster?

Justin lined up 9-inch long blocks next to each other. He had 27 of these blocks.

Now Billy wants to make the same length but use 3-inch blocks. How many 3-inch blocks will he need to use?

What is the area of a rectangle with sides 5 cm and 8 cm?

Round 8,308 to the nearest thousand.

The diameter of a circle is 868 cm. What is the radius of this circle?

Name: _____

$$3 - \frac{5}{7} - \frac{1}{4} =$$

$$4 - \frac{8}{11} + \frac{2}{3} =$$

Reduce $\frac{10}{15}$ to its lowest terms.

$$\begin{array}{r} \frac{5}{7} \\ - \frac{2}{11} \\ \hline \end{array}$$

Change $\frac{740}{75}$ to a mixed number.

Find the least common denominator.

$$\frac{6}{12} \text{ and } \frac{3}{4}$$

$$81 - \frac{4}{11} =$$

$$10 + \frac{1}{3} - \frac{1}{4} =$$

Reduce $\frac{104}{136}$ to its lowest terms.

$$8m = 48$$

$$6y = 18$$

$$\frac{N}{2} = 2$$

Name: _____



$60 \times 5 =$

$94 \times 4 =$

$95 \times 5 =$

$13 \times 8 =$

$50 \times 4 =$

$37 \times 3 =$

$94 \times 8 =$

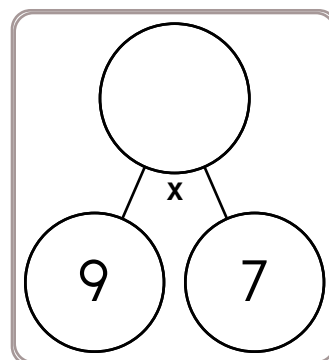
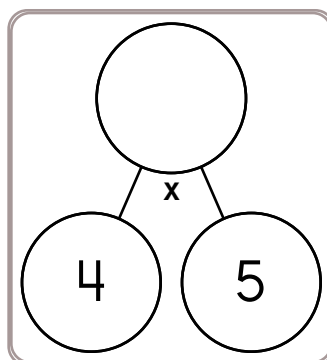
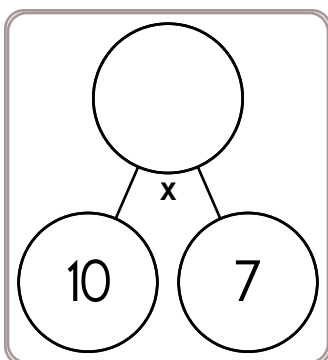
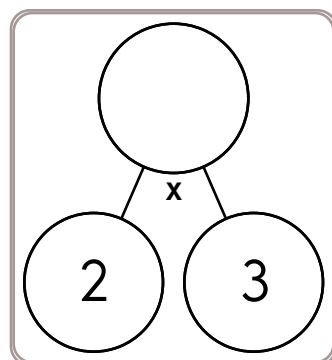
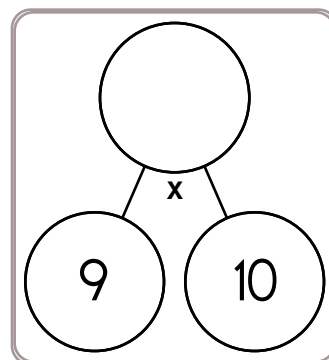
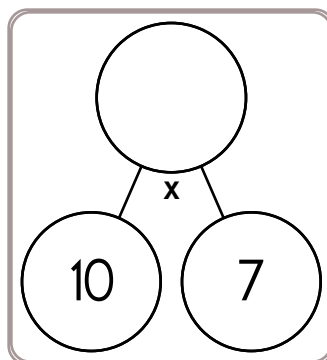
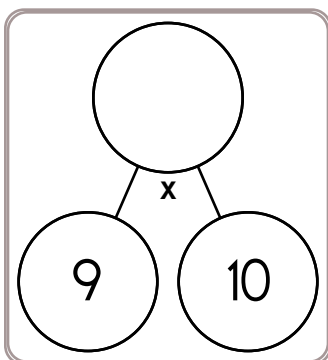
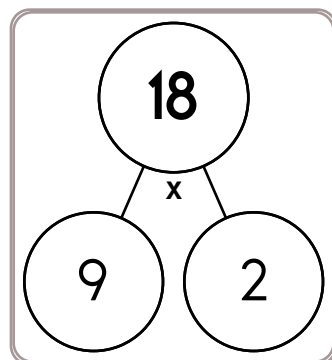
$26 \times 4 =$

$95 \times 7 =$

$97 \times 7 =$

$73 \times 8 =$

$20 \times 6 =$



$3 \times \underline{\quad} = 24$

$\underline{\quad} \times 5 = 15$

$7 \times \underline{\quad} = 42$

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

$9 \times \underline{\quad} = 45$

$\underline{\quad} \times 8 = 56$

$5 \times \underline{\quad} = 45$

$\underline{\quad} \times 3 = 24$

$\underline{\quad} \times 5 = 20$

$\underline{\quad} \times 4 = 28$

$3 \times \underline{\quad} = 21$

$9 \times \underline{\quad} = 72$

Name: _____

Erin wrote a report about some of the Native American foods of long ago. She wrote about Indian pudding, wild nut soup, berries and wild rice, and feast day puffs. To get information she spent 3 hours and 33 minutes doing research online and 2 hours doing research at the library. It took her 2 hours and 7 minutes to write her rough draft and another thirty-eight minutes to write her final draft. How long did it take Erin to research and write her report?

The fifth grade students wrote on a balloon about their hurt feelings. Then they filled the balloons with helium, tied them, and let them go. Twelve percent of the 70 students released 3 balloons each. The remaining students released only 1 balloon each. How many balloons were released in all?

Maria has 75 cents. What fraction of a dollar is that? Be sure to simplify the fraction.

$$8 - 11 =$$

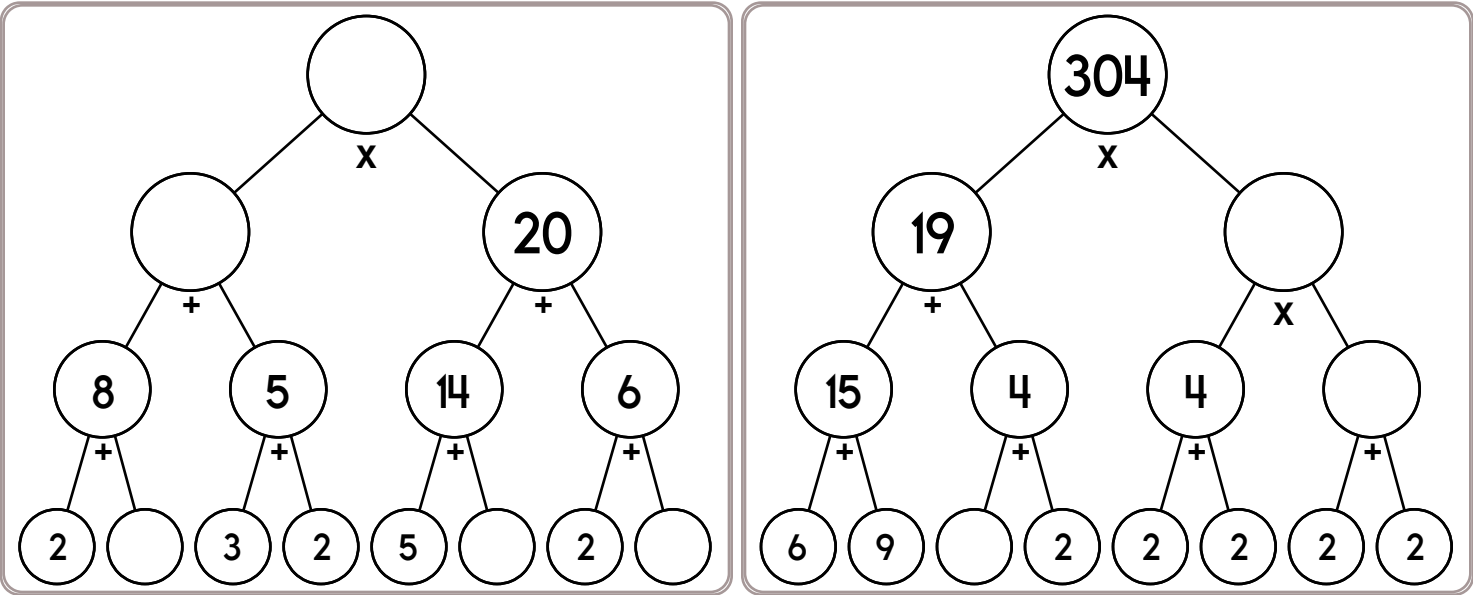
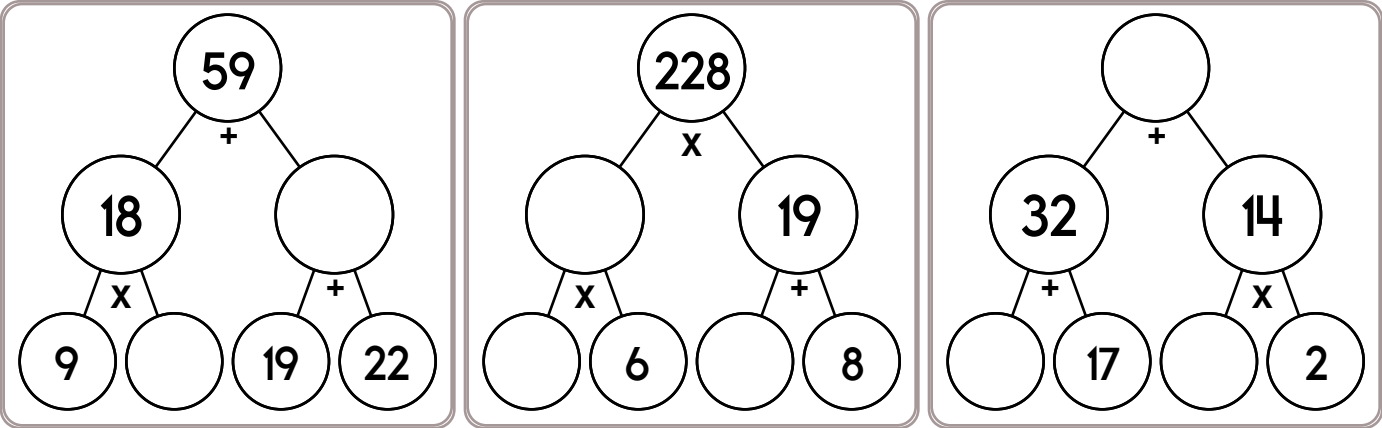
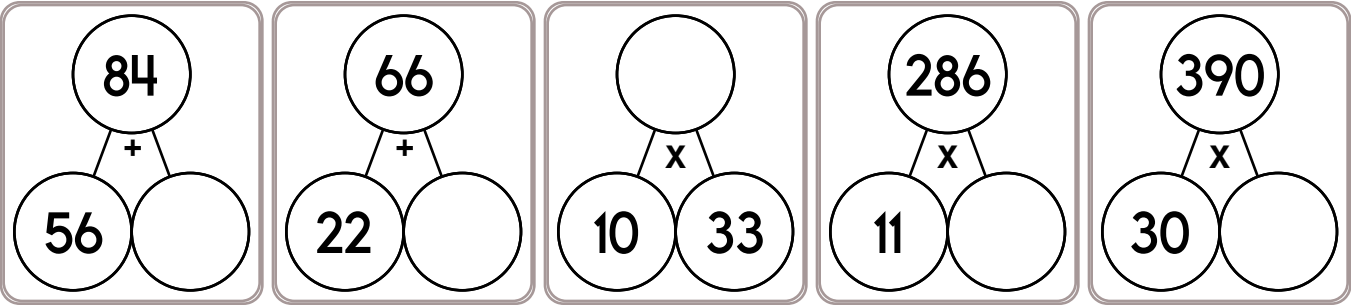
$$18 + -12 = \underline{\hspace{2cm}}$$

$$18 - 12 = \underline{\hspace{2cm}}$$

Rewrite $11 + -5$

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Name: _____



$3 \overline{) 2.4}$

$4 \overline{) 23.6}$

$6 \overline{) 43.2}$

Name: _____

Sketch an obtuse angle
named $\angle BCD$.

Sketch a right angle named
 $\angle DEF$.

What kind of angle has
a measure of between
 90° and 180° ?

$$\begin{array}{r} 4.4 \\ - 2.51 \\ \hline \end{array}$$

$$\begin{array}{r} 16.2 \\ - 6.6 \\ \hline \end{array}$$

$$0.77 + 9.6 + 0.5 =$$

Change to a percent.

$$\frac{5}{100}$$

Find 34% of 844.

Change to a fraction.
95%

$$595 + 34 =$$

$$\begin{array}{r} 39 \\ + 18 \\ \hline \end{array}$$

Find the sum of 18, 12, and
48.

$$\begin{array}{r} 143 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 103 \\ \times 38 \\ \hline \end{array}$$

Name: _____

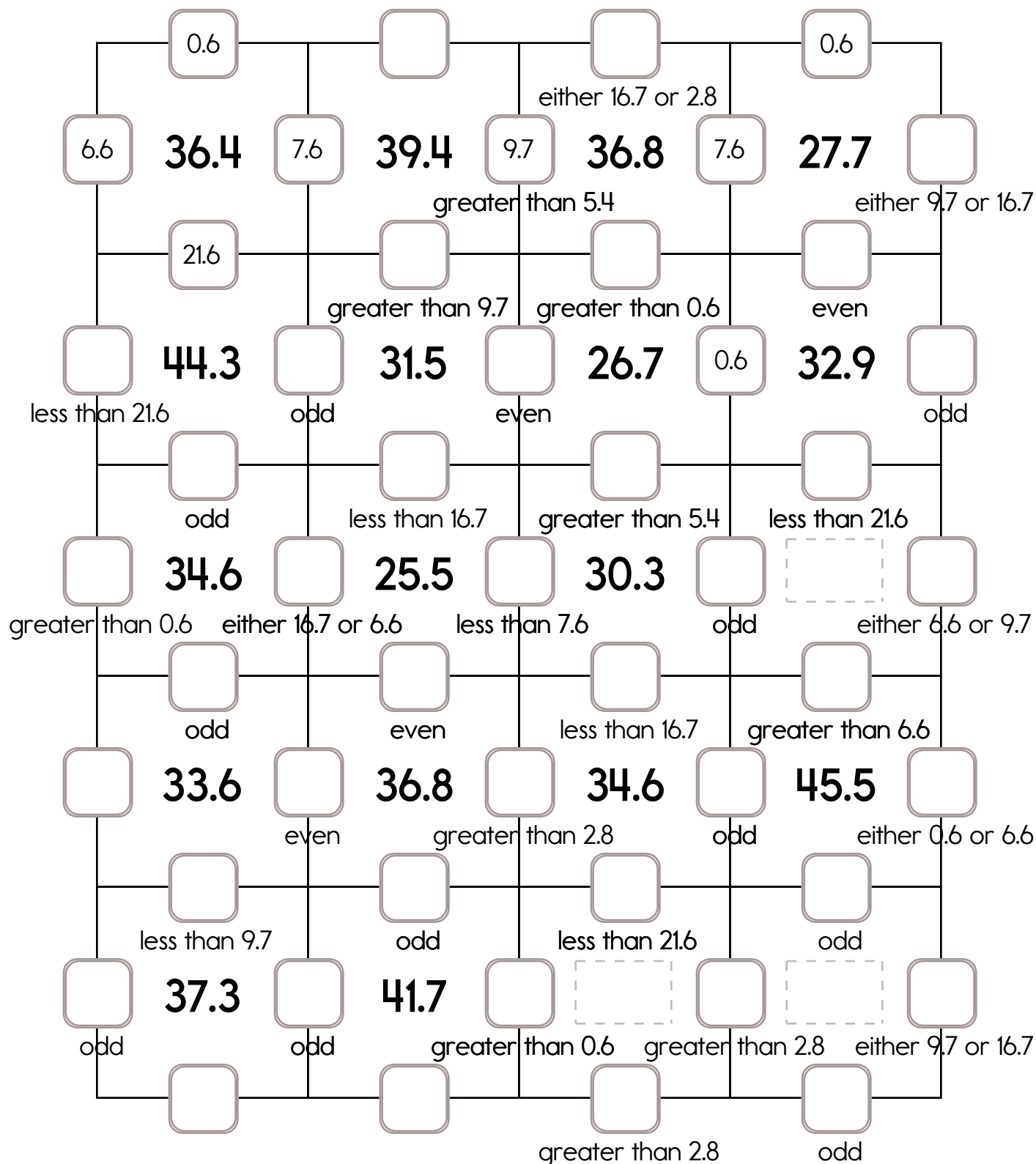
When Eric got married he was 24 years old. His sister was two-thirds his age plus 2 years. Their father was twice Eric's age plus 5 years. Eric's father was how many years older than his sister when he got married?

While Yuko was in Japan, she bought a doll that cost 1,674 yen. How much did the doll cost in U.S. dollars? The exchange rate was 113.27 yen per dollar.

Sandy's Sweet Shoppe sold 26 chocolate ice cream cones on Sunday. That amount is $\frac{1}{5}$ of the total number of cones sold. How many cones were sold in all?

Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.
Exactly one of the four numbers has to be one of these numbers: 21.6, 16.7, or 19.8.
The other three numbers have to all be DIFFERENT and must be from these: 6.6, 2.8, 9.7, 0.6, 7.6, or 5.4.



Name: _____

| | | |
|---|---|--|
| <p>Nathan is flying from his home to his grandparents' home in Nebraska. He will leave at 10:50 a.m. and will arrive in Nebraska at 2:31 p.m. What is the total flight time? (Note: Assume no time zone changes.)</p> | <p>It was a beautiful spring day. Hannah was amazed at all the butterflies. As a matter of fact, she had already counted 150! Of those, 25 were Monarch butterflies. What is the probability that the next butterfly she sees will be a Monarch? Write as a fraction in lowest terms.</p> | <p>The students were building a model of a dragon for the school play. The model was $11\frac{1}{2}$ feet high. It was twice as long as it was high. How long was the dragon?</p> |
|---|---|--|

| | | |
|---------------|---|--|
| $60 \div 5 =$ | $\begin{array}{r} 885 \\ - 451 \\ \hline \end{array}$ | <p>How many feet are in 24 inches?</p> <p>_____ feet</p> |
|---------------|---|--|

| | |
|---|--|
| <p>Holly was given five numbers: 12, 14, 13, 7, and 8. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than three-fourths?</p> | <p>Can 480 be evenly divided by 4? Circle:</p> <p>480 is evenly divisible by 4</p> <p>480 is NOT evenly divisible by 4</p> |
|---|--|

Name: _____

The principal of your school wants to buy twenty-one books. Each book costs \$9.04. She wants to estimate how much it will cost. Show her how you would estimate the cost:

Circle the greatest number:

97,863,470,862

120,387,549

235,410

9,156

1 lb = 16 oz

8 lb = _____ oz

4 x 10 =

How far do you think it is from your desk to your teacher's desk? Write an estimate of the distance you think it could be.

$$\begin{array}{r} 279 \\ + 237 \\ \hline \end{array}$$

Can 673 be evenly divided by 3? Circle:

673 is evenly divisible by 3

673 is NOT evenly divisible by 3

27 cm = _____ mm

Six kids and three adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is \$60. How much is one kids ticket? How much is one adult ticket?

$$\begin{array}{r} 35 \\ + 30 \\ \hline \end{array}$$

120 ÷ 12 =

Name: _____

Mary invented a robot. The robot's name is Peter. Peter can go a maximum speed of 4 mph. At that rate, how long would it take Peter to go 9 miles?

Circle the addition property for $67 + 125 = 125 + 67$.
associative property
commutative property

Write 4,045 in words.

Wendy multiplied two one-digit numbers and then added 111. The result was 195. April does not believe her and thinks Wendy made a mistake. Who is correct?

Can 896 be evenly divided by 12? Circle:
896 is evenly divisible by 12
896 is NOT evenly divisible by 12

A 9 cm x 9 cm x 9 cube was made by Adam. He used centimeter blocks. How many blocks did he use?

For the summer program 182 children came to the park. They were divided into 7 groups. How many children were in each group?

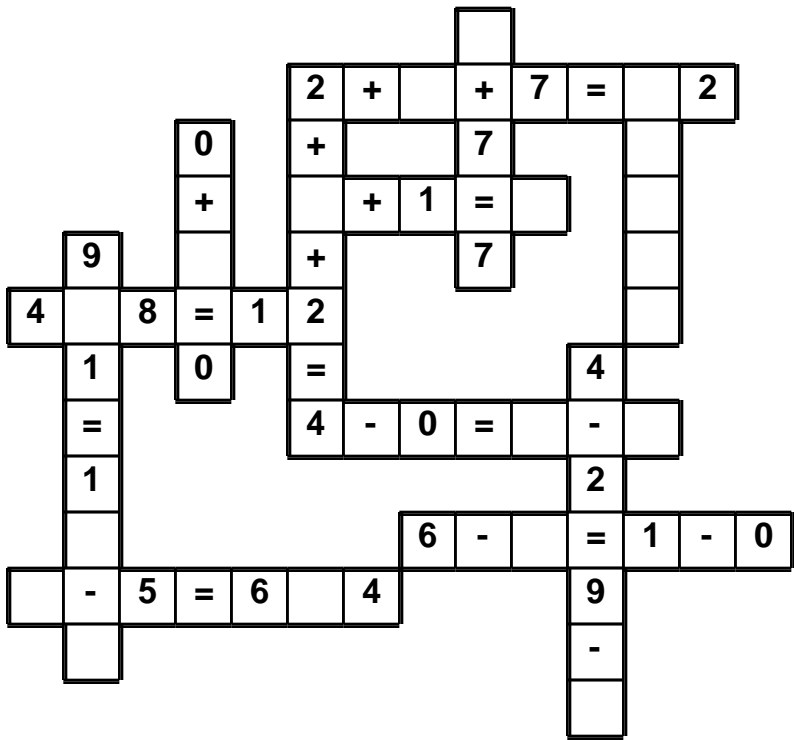
Circle the digit in the hundredths place.
24.889

For 97,169,452,033, write the digit that is in the hundred thousands place.

Name: _____

0 • 3 • 1 • + • 0 • 1 • 7 • 0 • = • + • 8 • 5 • 1 • 2 • 5 • 7 • -
2 • 7

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



Ava will win if a random number pulled out of a box is an even number. 30 pieces of paper, numbered 1 to 30, are put inside a box. What is the chance that Ava will not win?

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

four hundred seventy-four thousand two hundred twenty-one

What part of speech is underlined in this sentence?

Hey! You can't copy from my quiz!

Name: _____

What is missing?

$$67 \times 0 - 11 + 8.07 \times 8 + 12 = 158 \times \underline{\hspace{1cm}}$$

Jacob needs to show the class his homework. He drew two rectangles of equal area. The first rectangle is 3 cm by 6 cm. The second rectangle has one side that is 2 cm, but Jacob can't read his own handwriting for the other side! He needs to figure it out in his head while he is explaining to the class. What's the other side? Quick. Help him!

Josh invented a weird digital clock app. It says:

"20 minutes ago it was 4 hours until 1 in the afternoon."

What time is it now?

Name: _____

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|

$$-42 \div 7 =$$

$$-3 - 4 - 1 =$$

$$7 \times -5 =$$

Yummy Donuts gave three dozen chocolate donuts and six dozen jelly donuts to the school. How many donuts did they give?

What is the area of a rectangle with sides 2 cm and 12 cm?

132 divided by 11 equals

The area of a rectangle is 12 cm^2 . What could the length of the 4 sides be?

The perimeter of a rectangle is 22 cm. The longer side is 8 cm. How long is the shorter side?

B, F, _____, N, R, V, Z

A rectangle is 37 cm on one side and 8 cm on another side. What is the perimeter?

$$(64), (8), (1),$$

$$\frac{\quad}{\quad}, \frac{1}{64}, \frac{1}{512}, \frac{1}{4096},$$

$$\frac{1}{32768}$$

It was 94 degrees outside. What would the temperature be if it got 13 degrees colder?

Name: _____

Last week volunteers planted 14,674 plants in the Niles City Park. Write that number in expanded form.

There were 18 turkeys in the pen. Six more turkeys joined them. Three turkeys were taken out of the pen and put in the barn. Write an expression to find the number of turkeys left in the pen. Solve it.

Nathan, a track star at the Florida School for the Blind, runs two miles each school day to keep in shape. On Saturday and Sunday he runs four miles on both days. How many miles does Nathan run in four weeks?

Name: _____

CHALLENGE YOUR CLASSMATES!

(OR SIBLING OR PARENT)

Play against
someone!

Go to:

edhelper.com/math-games.htm

Pick your
grade. Then play
to challenge
someone else.

Date played:

Whom I challenged:

Who won?

Explain what you learned from one math problem you got wrong.

YOU
WIN!



Write the missing family
fact.

$$135 \div 9 = 15$$

$$135 \div 15 = 9$$

$$9 \times 15 = 135$$

How much time is it from
9:00 a.m. to 10:30 a.m.?

What 3 coins add up to 20
cents?

Name: _____

Mr. and Mrs. Brown's house needed a new roof. Mr. Brown said they would get a new roof later. He procrastinated for three years. Finally, the roof fell in, and they had to build a new house. The new house cost \$128,797.82. A new roof for the old would have cost \$8,080.56. How much more did they spend because they procrastinated?

At the end of their study of the kinds of electricity, Mrs. Young's class completed a quiz on the work they had done. There were twenty-seven students in the class. Seven of the students made one hundred on the test, six made ninety, two made eighty, and the rest made seventy. What was the average quiz score for the class?

In a game, Anne and Sara each have their own territory and currency. When you visit Anne, you will use whatters. On the other hand, if you visit Sara, you will use clingdones. The value of one whatter is equal to 5.3 clingdones. Sara wants to visit Anne. She has 10 clingdones, so she exchanges half of her clingdones for whatters. How much in whatters and clingdones does Sara currently have?

Mr. Martinez replaced one of the bulbs in the classroom with a 60-watt bulb that is supposed to last 18,000 hours. The bulb will be used 6 hours each day school is in session. In how many school days will this bulb need to be replaced again?

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

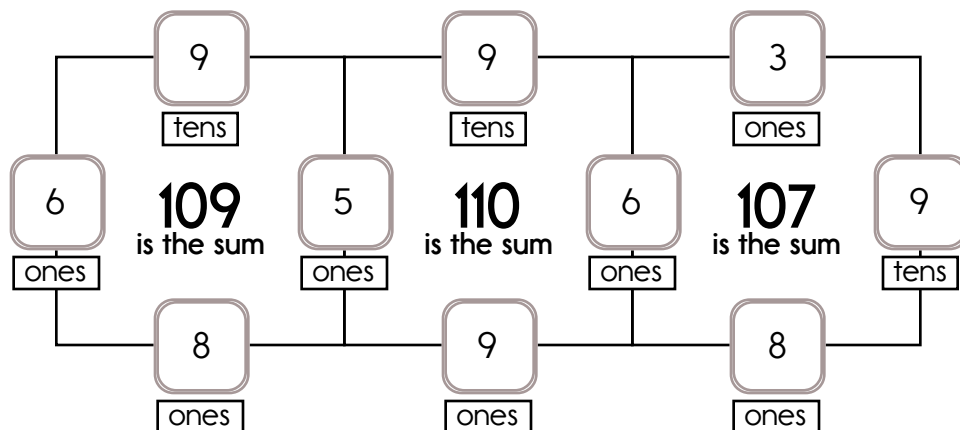
Example:

$$6 + 5 + 90 + 8 = 109$$

Example:

$$6 + 90 + 3 + 8 = 107$$

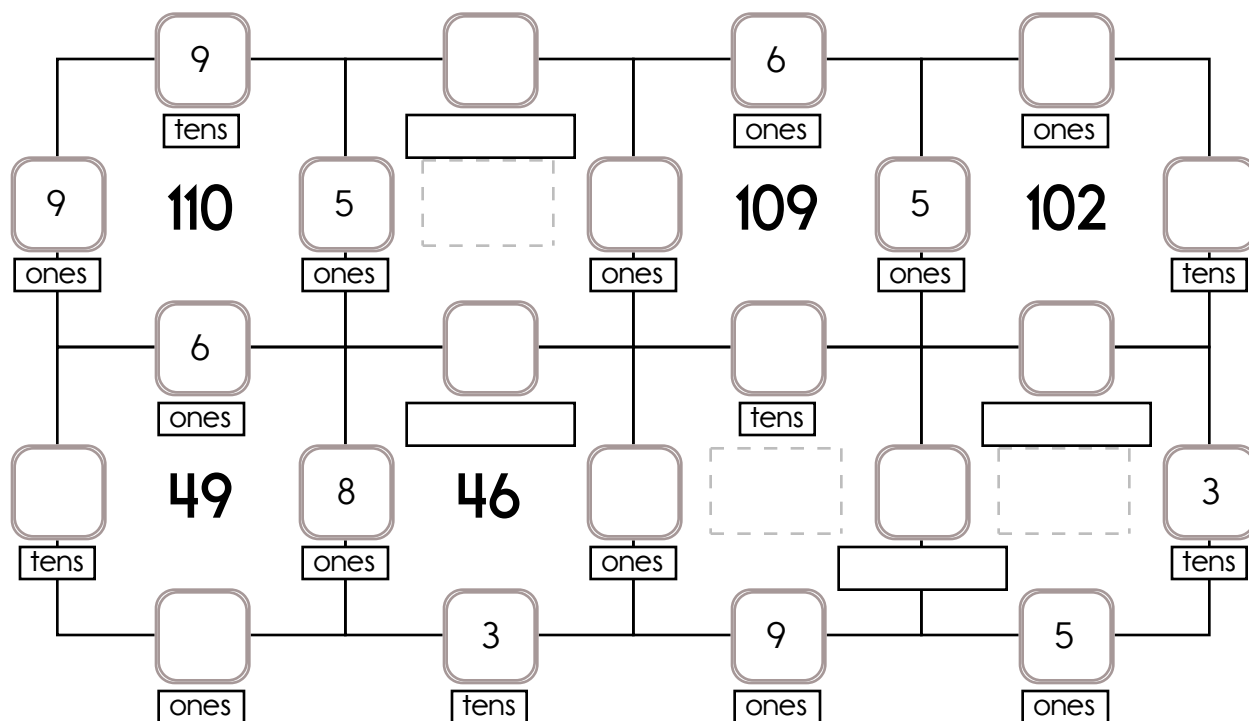
Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: 3 tens, 9 tens, or 8 tens.

The other three numbers have to all be DIFFERENT and must be from these: 3 ones, 8 ones, 9 ones, 5 ones, or 6 ones.



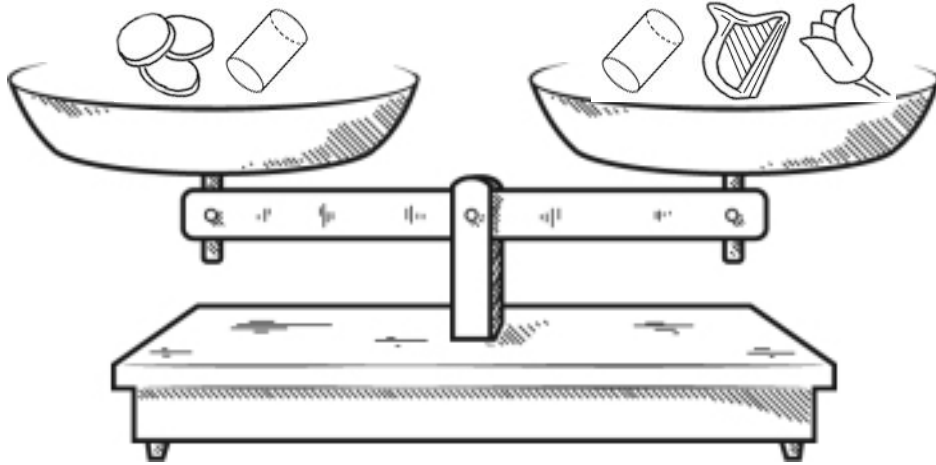
The grid is a 5x5 array of boxes. Each box contains a digit or a decimal point, with a label 'tens' or 'tenths' below it. The sequence starts with 32.1 in the top-left and ends with 31.8 in the bottom-right. Some boxes are empty, and some are dashed, indicating missing or to-be-determined values.



| | | | | | |
|-----------|-------------|-----------|-------------|-------------|-----------|
| 3 tens | 6 tenths | 7 tens | 7 tenths | 8 tenths | 3 tens |
| | 8 tenths | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Circle the smallest number:

| | |
|---------|----------------|
| 283,961 | 57,268,301,947 |
| 4,055 | 4,591,326,087 |

Name: _____






 $=$




☐ True
 ☐ False


 $<$


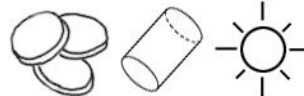

☐ True
 ☐ False


 $<$



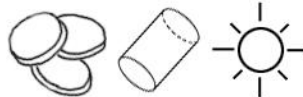
☐ True
 ☐ False


 $=$




☐ True
 ☐ False


 $=$


☐ True
 ☐ False


 $=$


☐ True
 ☐ False


 $=$


☐ True
 ☐ False

Did you find that two are true? If not, look again!

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

You should only mark TRUE if you are absolutely sure it is correct!

word root **path** can mean **feeling**

telepathy, empathy

Name: _____

Words can be to the RIGHT, DOWN, LEFT, or UP. Every letter is used ONCE.

S O S S E A B O M B E N U R P
E A E C O N G R A T U L A T E
N R I S Q U I R T S E R A M E
D R N I R E S I G N K E Y V
P E O F D O O T S R E D N U I
A S L E A P E A G O N I E S G
R T O G A M D E Y E N R U O J
T S C G C O M M U N I C A T E

Write the words found.

COMMUNICATE

JOURNEYED

Write an equation to represent this:

The difference between fifteen and seven is eight.

Justin invented a robotic bug. The bug can crawl six centimeters in twenty-four seconds. How long would it take the bug to crawl fifty-four centimeters?

Which has the largest answer?

$336 \div 26$ $343 \div 26$ $337 \div 26$

Insert a comma in the appropriate place in this sentence.

We could have ice cream for dessert or we could have chocolate cake.



It's NO PREP at edHelper.

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\times $=$ $-$ \div $<$ $>$

More puzzles!



