



Name: _____

Get a fidget spinner! Spin it.

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

Not Exact

Estimate - With a Good Guess

$22 \div 3 \approx \underline{7}$

$34 \div 8 \approx \underline{4}$

$37 \div 4 \approx \underline{\quad}$

$39 \div 11 \approx \underline{\quad}$

$22 \div 4 \approx \underline{\quad}$

$50 \div 8 \approx \underline{\quad}$

$79 \div 9 \approx \underline{\quad}$

$32 \div 6 \approx \underline{\quad}$

$32 \div 7 \approx \underline{\quad}$

$64 \div 7 \approx \underline{\quad}$

$62 \div 9 \approx \underline{\quad}$

$39 \div 5 \approx \underline{\quad}$

$97 \div 12 \approx \underline{\quad}$

$37 \div 10 \approx \underline{\quad}$

$46 \div 10 \approx \underline{\quad}$

$82 \div 12 \approx \underline{\quad}$

$60 \div 11 \approx \underline{\quad}$

$21 \div 6 \approx \underline{\quad}$

$46 \div 5 \approx \underline{\quad}$

$22 \div 3 \approx \underline{\quad}$

$52 \div 6 \approx \underline{\quad}$

$18 \div 4 \approx \underline{\quad}$

$58 \div 7 \approx \underline{\quad}$

$32 \div 6 \approx \underline{\quad}$

$74 \div 12 \approx \underline{\quad}$

$69 \div 9 \approx \underline{\quad}$

$19 \div 5 \approx \underline{\quad}$

$29 \div 3 \approx \underline{\quad}$

$19 \div 4 \approx \underline{\quad}$

$93 \div 12 \approx \underline{\quad}$

$64 \div 10 \approx \underline{\quad}$

$73 \div 8 \approx \underline{\quad}$

$62 \div 7 \approx \underline{\quad}$

$38 \div 11 \approx \underline{\quad}$

$58 \div 11 \approx \underline{\quad}$

$89 \div 9 \approx \underline{\quad}$

$41 \div 5 \approx \underline{\quad}$

$34 \div 8 \approx \underline{\quad}$

$15 \div 4 \approx \underline{\quad}$

$37 \div 6 \approx \underline{\quad}$

$52 \div 10 \approx \underline{\quad}$

$55 \div 7 \approx \underline{\quad}$

Name: _____

$\begin{array}{r} 39 \\ - 23 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ - 16 \\ \hline \end{array}$	$\begin{array}{r} 94 \\ - 41 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ - 59 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ - 33 \\ \hline \end{array}$
$\begin{array}{r} 93 \\ - 54 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ - 56 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 13 \\ \hline \end{array}$	$\begin{array}{r} 29 \\ - 22 \\ \hline \end{array}$	$\begin{array}{r} 67 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 94 \\ - 34 \\ \hline \end{array}$



$91 - 53 =$

$94 - 10 =$

$70 - 45 =$

$92 - 20 =$

$62 - 22 =$

$65 - 30 =$

$61 - 28 =$

$90 - 45 =$

$31 - 28 =$

$21 - 18 =$

$74 - 21 =$

$79 - 74 =$



$__ \times 10 = 30$

$__ \times 7 = 63$

$7 \times __ = 56$

$11 \times __ = 88$

$__ \times 6 = 54$

$8 \times __ = 40$

$2 \times __ = 14$

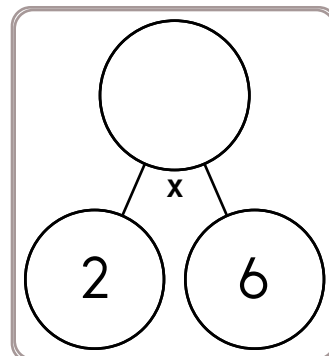
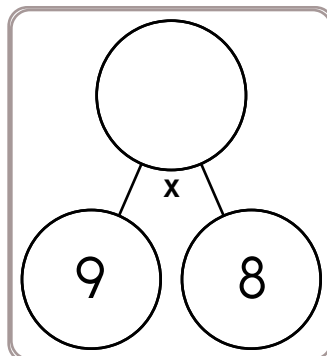
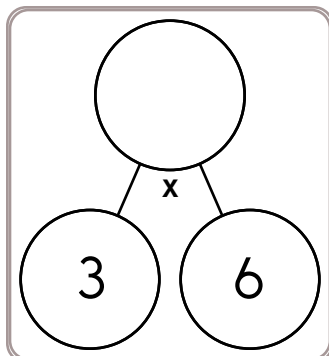
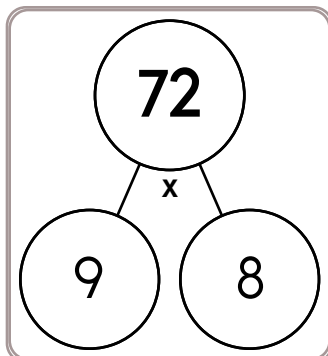
$__ \times 10 = 120$

$3 \times __ = 36$

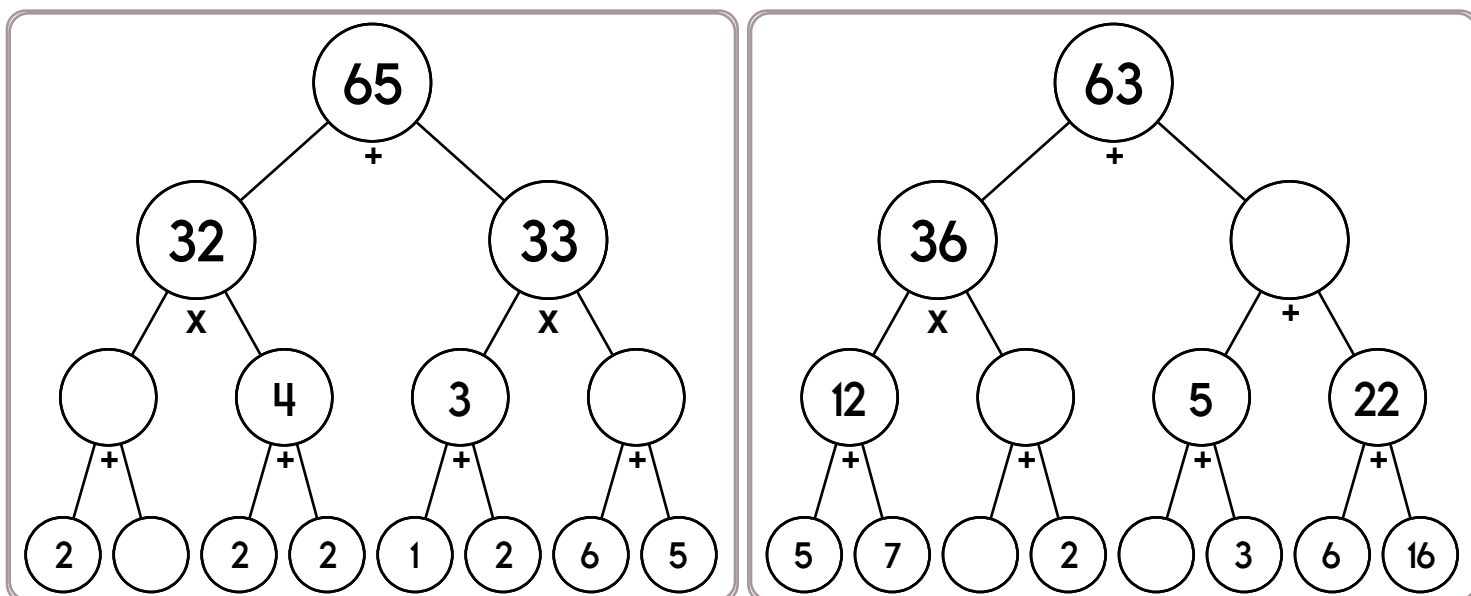
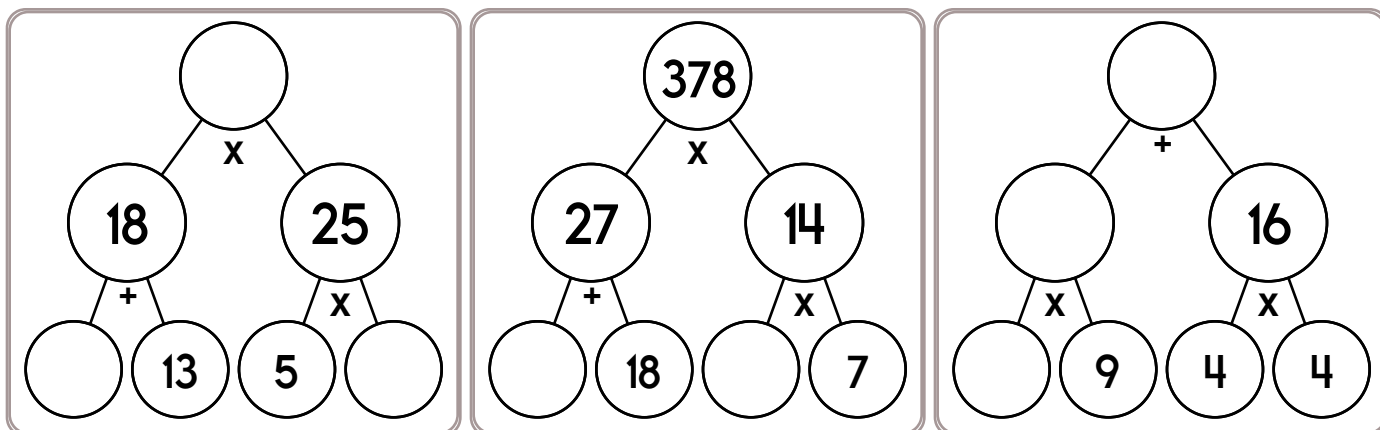
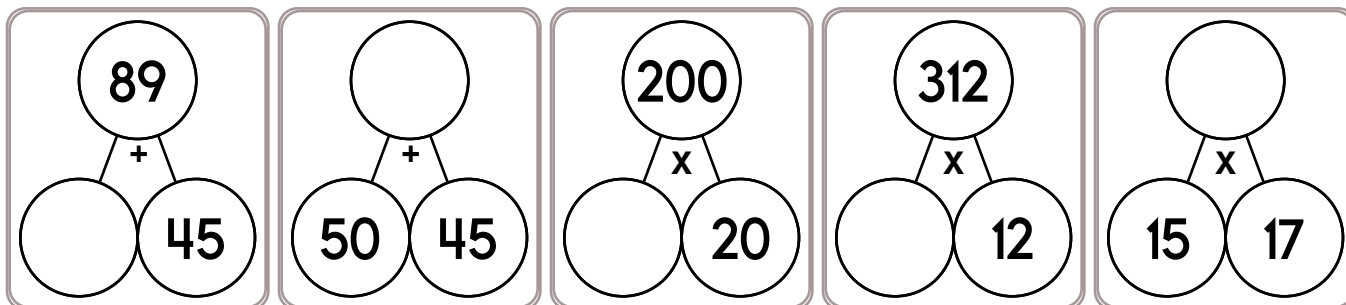
$__ \times 2 = 4$

$2 \times __ = 12$

$__ \times 9 = 108$



Name: _____



Find 44% of 8.

Write as a percent.

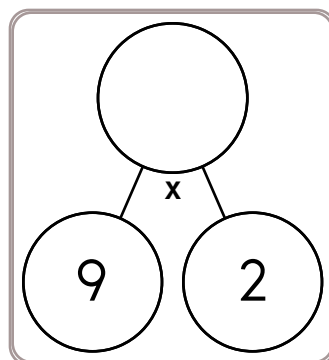
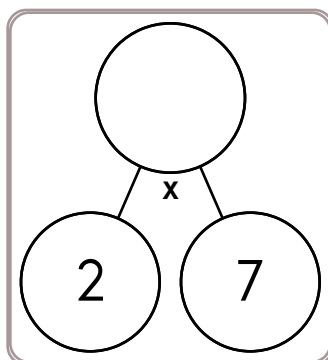
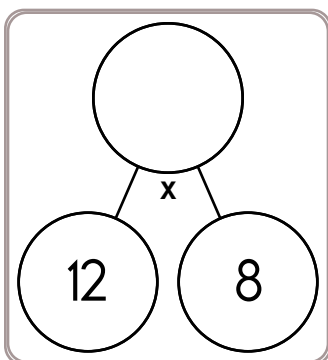
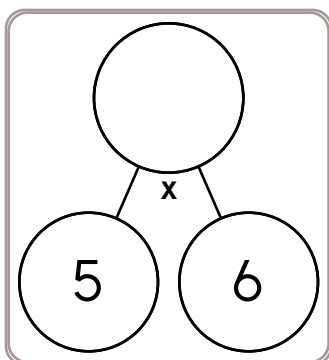
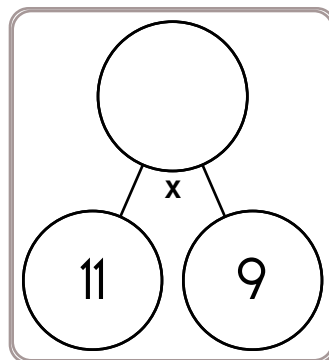
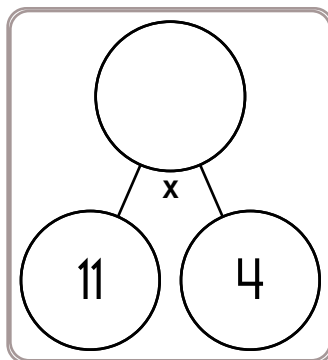
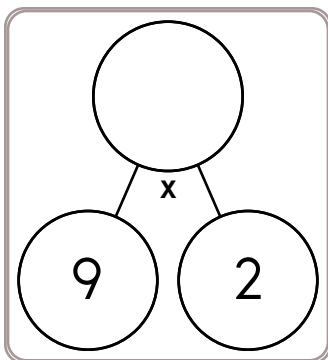
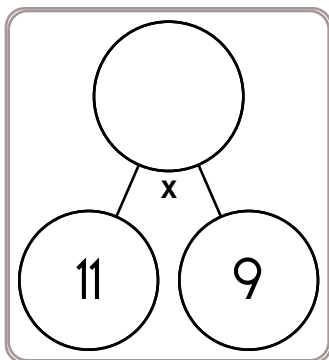
$$\frac{1}{4}$$

Write the ratio as a fraction.
12 cats to 11 dogs

Name: _____

<p>Eric and his father left for the butterfly garden at 9:30 a.m. They had lunch and went to the garden. They arrived back home at 3:14 p.m. How long were they gone?</p>	<p>There are 7 gallons of ice cream in the freezer. Miss Miller can make 85 single-scoop ice cream cones from 7 gallons. How many single-scoop cones can she make from $\frac{1}{2}$ of a gallon?</p>	<p>Mrs. Moore took homemade donuts to her office on Donut Day. She bought the donuts at the bakery on the corner while they were still warm! She bought three dozen donuts at \$3.18 per dozen. She paid for them with a 20-dollar bill. How much change did she get?</p>
<p>Alex took a survey of his class. There are 24 students in the class. Chocolate is the favorite ice cream of half of the students. How many students in his class like chocolate ice cream best?</p>	<p>There is a restaurant in Atlanta that serves Justin's favorite vegetarian burgers. He goes there at least once a month. If it is 64 miles from Justin's house to the restaurant, he travels at least _____ miles per year to eat there.</p>	<p>There are 197 pages in Robert's book about Leonardo Da Vinci. If he reads 8 pages each day, how long will it take him to finish the book?</p>

Name: _____



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

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

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

$$\underline{\quad} \times 2 = 6$$

$$\underline{\quad} \times 6 = 12$$

$$\underline{\quad} \times 4 = 24$$

$$5 \times \underline{\quad} = 35$$

$$9 \times \underline{\quad} = 18$$

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

$$8 \times \underline{\quad} = 48$$

$$8 \times \underline{\quad} = 16$$

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



$$92 \times 6 =$$

$$49 \times 2 =$$

$$58 \times 4 =$$

$$40 \times 9 =$$

$$59 \times 6 =$$

$$95 \times 5 =$$

$$80 \times 3 =$$

$$56 \times 3 =$$

$$34 \times 3 =$$

$$83 \times 8 =$$

$$66 \times 8 =$$

$$37 \times 5 =$$

Name: _____

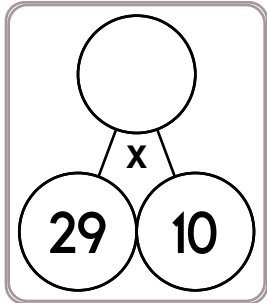
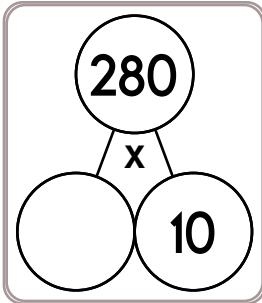
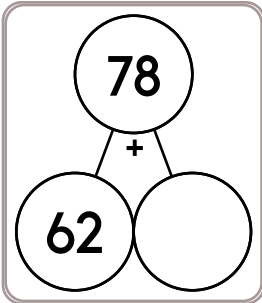
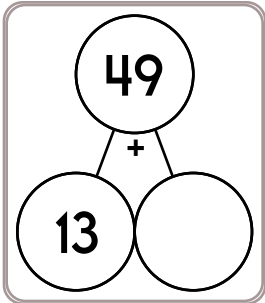
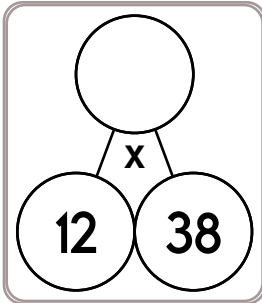
Connor was in charge of making signs to put up around the park showing people where the Dressed Up Pet Parade would be. The materials for each sign cost \$1.22. If Connor made twenty-five signs, how much money did he spend?

Lunches in the Midvale Elementary School cafeteria cost \$3.25 each. If 412 students bought their lunches on the first day of school, how much money was paid for lunches in all?

Make a coordinate grid where you can plot x and y values from 0 to 12. Remember x goes to the right and y goes up. Plot these points: (6, 8), (7, 8), (6, 1), and (7, 1). What is the perimeter of the rectangle you drew?

Jenna needs to make 28 sugar cookies for a big party, but her favorite recipe is only for 14 cookies. The recipe calls for $1\frac{4}{5}$ cups of sugar. How much sugar will she need to use?

Name: _____



What 3 coins add up to 45 cents?

It was 6 degrees below zero in the morning. By afternoon the temperature rose 19 degrees. How warm was it?

Write the missing family fact.

$$17 \times 6 = 102$$

$$6 \times 17 = 102$$

$$102 \div 17 = 6$$

It's 7:00 a.m. and Rosa is getting ready for soccer practice. If practice starts at 2:45 p.m., then how much longer until soccer starts?

4, 24, 28, 52, 80, 132,
212, 344, 556, 900,
_____, 2356, 3812, 6168

Round 57,481 to the nearest hundred.

How many centimeters in 520.8 meters?

$$9 \div \frac{1}{3}$$

The radius of a circle is 690 cm. What is the diameter of this circle?

The perimeter of a rectangle is 14 cm. The longer side is 5 cm. How long is the shorter side?

132 divided by 11 equals

A rectangle is 33 cm on one side and 7 cm on another side. What is the perimeter?

Name: _____



$46 - 29 =$

$32 - 30 =$

$68 - 61 =$

$26 - 20 =$

$81 - 47 =$

$82 - 79 =$

$37 - 24 =$

$78 - 56 =$

$79 - 72 =$

$94 - 38 =$

$58 - 27 =$

$93 - 15 =$

$30 \overline{) 240}$

$92 \overline{) 368}$

$64 \overline{) 448}$

$2 \overline{) 154}$

$8 \overline{) 208}$

$56 \overline{) 448}$

$7 \overline{) 511}$

$31 \overline{) 279}$



$___ \div 11 = 2$

$99 \div ___ = 11$

$___ \div 4 = 3$

$88 \div ___ = 8$

$60 \div ___ = 6$

$___ \div 9 = 7$

$66 \div ___ = 11$

$___ \div 12 = 12$

$12 \div ___ = 2$

$___ \div 4 = 9$

$40 \div ___ = 5$

$___ \div 12 = 10$

$$\begin{array}{r} 95 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ - 45 \\ \hline \end{array}$$

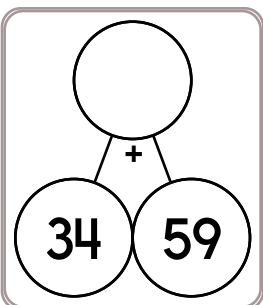
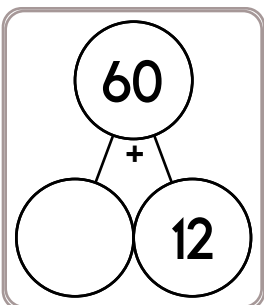
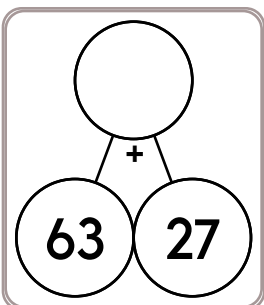
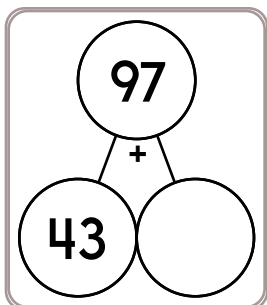
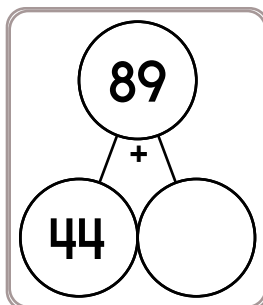
$$\begin{array}{r} 74 \\ - 47 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ - 61 \\ \hline \end{array}$$

Name: _____



What is the greatest common factor of 9, 39, and 15?

What is the greatest common factor of 4 and 14?

$$12 + x = 38$$

What is the area of a rectangle with sides 3 cm and 9 cm?

$$40 + n = 57$$

C, F, _____, L, O, R,
U, X

What is 50% of 1,640?

A toy car can go 3 mph.
How long would it take to go 9 miles?

26, _____, 40, 50, 62,
76, 92, 110, 130, 152, 176

Circle the three numbers whose product equals 196.

3 3 7

7 3 4

$$10 + 11 + 5 + 8$$

E, 7, E, 7, E, _____, E,
7, E, 7, E, 7

Name: _____

Mental Math

— #1 —

Start with the sum of 3 and 7.

10

Add half of 34.

3 9 9 2 7 6 5 0 2 8 (Circle your answer to double check you are correct.)

Increase that number by 5.

6 3 2 5 9 7 3 3 1 7

Round to the nearest ten.

6 2 5 5 1 3 0 8 9 3

Add half of 56.

5 8 2 3 1 6 5 1 3 2

Subtract the number of inches in 2 feet.

5 0 8 4 3 4 7 8 4 1



Mental Math

— #2 —

Start with the number 9.

7 3 6 1 2 1 9 6 5 8 (Circle your answer to double check you are correct.)

Multiply by 2.

1 2 7 3 8 0 4 1 8 7

Triple that number.

3 7 5 4 8 8 1 3 4 1

Round to the nearest ten.

6 1 7 9 9 1 5 0 8 8

Find two-fifths.

7 3 4 9 6 5 9 2 0 1

Add the digits in your number. The sum of that is your new number.

4 6 2 0 5 4 2 3 8 0



Name: _____

<p>Mrs. Walker asked her students to write about Charles Lindbergh. There are 25 students in her class. Two-fifths did not do the writing. How many students did write about Lindbergh?</p>	<p>Mrs. Lee has a bag of tomatoes. Three of the tomatoes are green. Nine of the tomatoes are red. Is it certain, likely, or unlikely that the first tomato she takes out of the bag will be green?</p>	<p>Paul went into town and bought a pair of overalls for \$305.99. He bought a shirt for \$99.21. He bought socks for \$32.33. He also bought a pair of boots. He spent \$576.16. How much did his boots cost?</p>
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<p>Jacob invented a robotic bug. The bug can crawl three centimeters in twenty-five seconds. How long would it take the bug to crawl twenty-four centimeters?</p>	<p>In the number 14,568,568,909, the digit 0 is in what place?</p> <p>_____</p>
	<p>Circle the word that best completes the sentence.</p> <p>My friends (went, gone) to the movies together last night.</p>

$\begin{array}{r} 744 \\ - 296 \\ \hline \end{array}$	<p>Write a letter that has two or more lines of symmetry.</p> <p>_____</p>	$\begin{array}{r} 428 \\ + 212 \\ \hline \end{array}$	$\begin{array}{r} 22 \\ + 47 \\ \hline \end{array}$
---	--	---	---

$\begin{array}{r} 39 \\ - 29 \\ \hline \end{array}$	<p>Circle the addition property for $35 + 53 = 53 + 35$.</p> <p>associative property</p> <p>commutative property</p>	<p>24 lb = _____ oz</p>
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Name: _____

Amy is getting messy. She has made a 1' x 4' x 1' cube made out of clay blocks. She wants her art project to have at least a surface area of 9 square feet. Does she need to add more clay?

Circle the smallest number:

21,896

5,037

301,847,625,959

857,943,602

1 kg = 1,000 g

8 kg = _____ g

11 x 6 =

Can 968 be evenly divided by 11? Circle:

968 is NOT evenly divisible by 11

968 is evenly divisible by 11

How many feet are in 96 inches?

_____ feet

Circle the words that are spelled correctly.

cieling

deciet

medieval

society

viened

weird

What prefix does each of these words have in common? Write the prefix and what you think it means on the line.

hydrophobia, hydraulics,
hydroponics, hydrolysis

Draw a shape that has between four and six lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.

Add the correct end punctuation for this sentence.

Is this song by your favorite singer

Name: _____

Can 524 be evenly divided by 10? Circle:

524 is evenly divisible by 10

524 is NOT evenly divisible by 10

$$\begin{array}{r} \frac{1}{2} \\ - \frac{2}{9} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{5}{6} \\ - \frac{2}{7} \\ \hline \end{array}$$

For 5,613,788,848,505, write the digit that is in the hundred thousands place.

$$36 \div 3 =$$

Amy was given four numbers: 9, 14, 11, and 12. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than two-thirds?

$$10 \times 4 =$$

Which is the smallest?

$$99.3 \div 2.3$$

$$99.3 \div 2.5$$

$$99.3 \div 2.4$$

$$(4 + 9) + 9 =$$

Write the missing family fact.

$$131 - 58 = 73$$

$$131 - 73 = 58$$

$$73 + 58 = 131$$

word root **fer** can mean **carry**

transfer, refer

$$\frac{7 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5}{7 \cdot 0 \cdot 0 \cdot 1} = \frac{4 \cdot 5 \cdot 9 \cdot x \cdot 3 \cdot x \cdot 9}{2}$$
[illegible]

745 is NOT evenly divisible by 6

$$\begin{array}{r} 71 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ \times 5 \\ \hline \end{array}$$

$4 \times 11 =$

How many digits are in the number of days in the current month?

What is the homophone of this word?
reel

Name: _____

The school superintendent mixed up four students' attendance records (Emma, Ashley, Emily, and Rachel). The superintendent knows the number of days absent (21, 9, 22, and 27) and the number of days late for each student (16, 4, 6, and 10), but does not know how to match the number of days absent and late with each student.

Figure out how many days each student was late and absent.

The school was in session for two hundred thirty-two days.

1. The ratio of the number of days Emily was late to the number of days Emma was late is 2 to 5.
2. The person that was absent nine days, was late sixteen days.
3. The person that was absent twenty-one days, was late ten days.
4. The ratio of Ashley being absent to being in school is 11 to 105.
5. The ratio of the number of absences by Emma to the number of absences by Emily is 7 to 9.
6. The ratio of Rachel being absent to being in school is 9 to 223.
7. The person that was absent twenty-seven days, was late four days.
8. The ratio of Emma being late to the number of days the school is in session is 5:116.

Emma was late _____ day(s) and absent _____ day(s).

Ashley was late _____ day(s) and absent _____ day(s).

Emily was late _____ day(s) and absent _____ day(s).

Rachel was late _____ day(s) and absent _____ day(s).

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

four hundred forty-seven thousand, seven
hundred forty-four

What can you multiply by 11 to get
8?

Name: _____

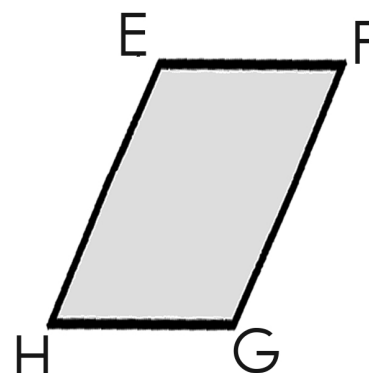
Look at this parallelogram. Notice that $\angle F$ is twice the measure of $\angle H$. Write their measures here.

$\angle E = \underline{\hspace{2cm}}$

$\angle F = \underline{\hspace{2cm}}$

$\angle G = \underline{\hspace{2cm}}$

$\angle H = \underline{\hspace{2cm}}$



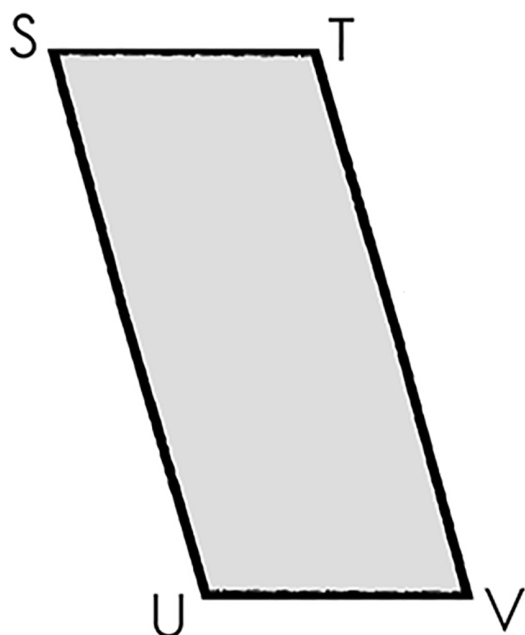
Look at this parallelogram. The measure of $\angle S$ is twice the measure of $\angle U$. Write their measures here.

$\angle S = \underline{\hspace{2cm}}$

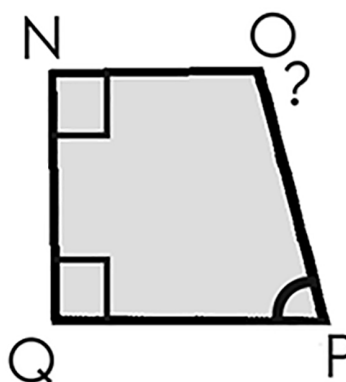
$\angle T = \underline{\hspace{2cm}}$

$\angle U = \underline{\hspace{2cm}}$

$\angle V = \underline{\hspace{2cm}}$

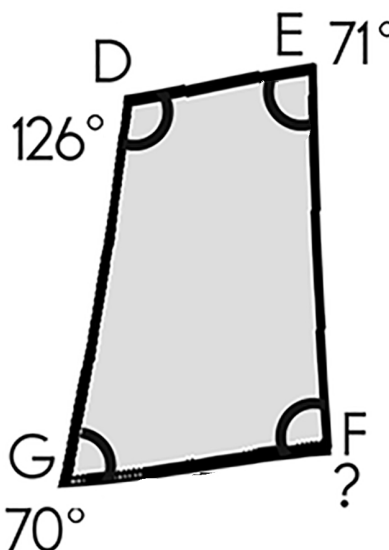


Look at these quadrilaterals.



Notice that $\angle O$ is _____ the measure of $\angle \underline{\hspace{1cm}}$.

Write the measures of this one here.



$\angle D = \underline{\hspace{2cm}}$

$\angle E = \underline{\hspace{2cm}}$

$\angle F = \underline{\hspace{2cm}}$

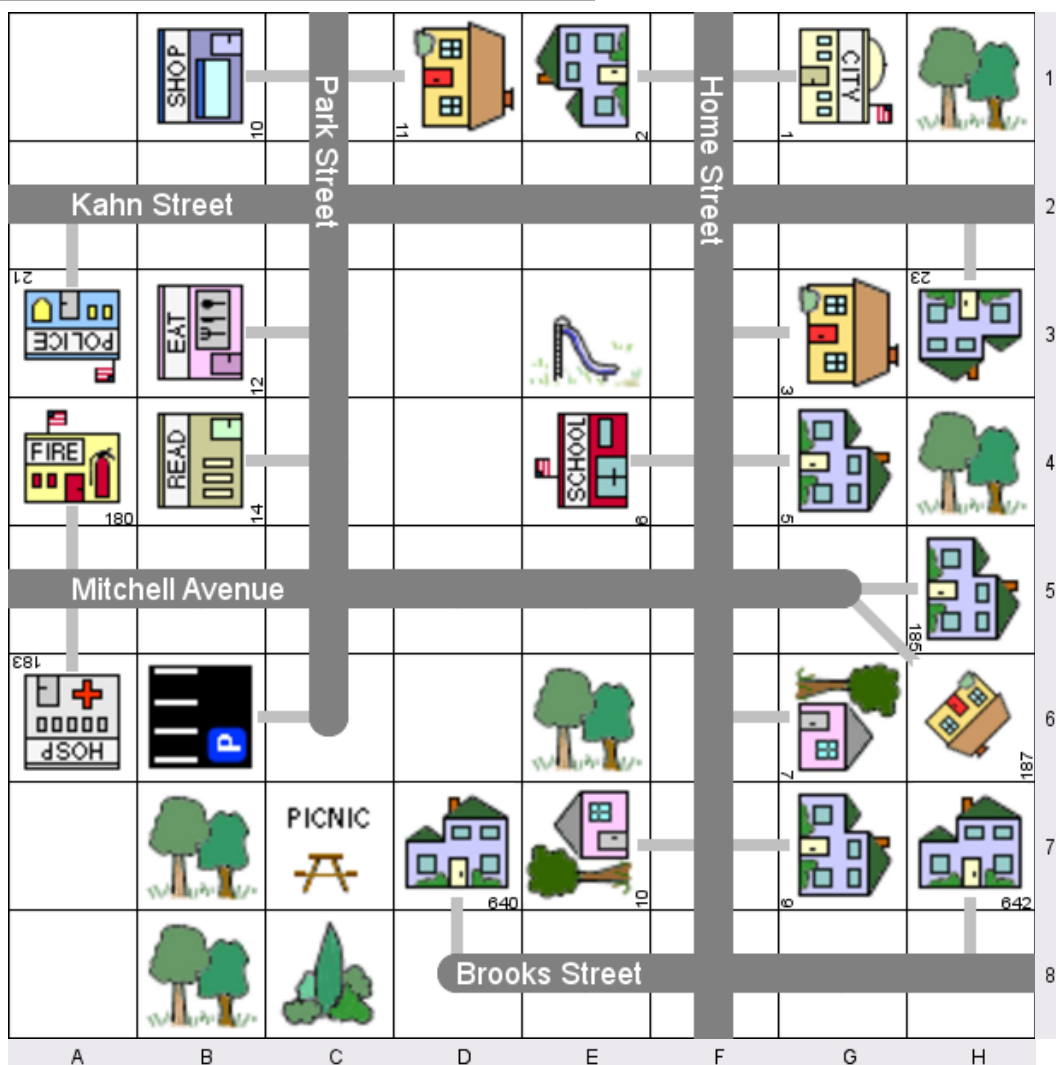
$\angle G = \underline{\hspace{2cm}}$



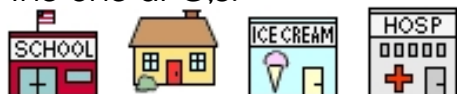
Name: _____



= 56 meters



Circle the one at G,3.



Circle the one at A,3.



2 Home Street



is at _____.

9 Home Street



is at _____.

185 Mitchell Avenue



is at _____.

11 Park Street



is at _____.

10 Park Street



is at _____.

187 Mitchell Avenue



is at _____.

Name: _____



The fire station at 180 Mitchell Avenue is across from

Circle the building that is located on Mitchell Avenue.







Mitchell Avenue is _____ of Brooks Street.

Home Street is _____ of Park Street.

Go _____ to drive from the house at 642 Brooks Street  to the house at 640 Brooks Street .

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

Write the total distance to go from the restaurant at 12 Park Street  to the police station at 21 Kahn Street .

Write the total distance to go from the police station at 21 Kahn Street  to the house at 23 Kahn Street .

Write directions to get from the fire station at 180 Mitchell Avenue to the hospital at 183 Mitchell Avenue.

Begin at the library at 14 Park Street. Walk the path to the road. The distance from your starting point to the road (the little path) is 16 meters. Go south on Park Street. Turn east when you reach Mitchell Avenue. Turn south when you reach Home Street. Turn east when you reach Brooks Street. Your final destination is on the north side of Brooks Street. You will have walked a total of 34 meters from your starting point (including the 16 meters path at the end of your walk). What is your final destination?

Name: _____

Match each pattern to its rule.

4.6, 12.5, 20.4, 28.3



4.3, 12.1, 19.9, 27.7

+ 7.6



29.4, 22.2, 15, 7.8

- 7.2



8.6, 16.2, 23.8, 31.4

7.7, 15.5, 23.3, 31.1



- 7.8

25.5, 17.7, 9.9, 2.1



+ 7.9

9.3, 16.5, 23.7, 30.9



+ 7.2

+ 7.7



6.9, 14.6, 22.3, 30

Sketch an acute angle
named $\angle ABC$.

Sketch an acute angle
named $\angle DEF$.

Sketch a right angle named
 $\angle EFG$.

Write $\frac{16}{20}$ in lowest terms.

What is the area of a
rectangle with sides 3 cm
and 8 cm?

How many centimeters in
920.9 meters?

A rectangle is 49 cm on
one side and 15 cm on
another side. What is the
perimeter?

It was 87 degrees outside.
What would the
temperature be if it got 14
degrees colder?

Know how many inches in
a foot? Okay, smarty pants,
how many inches in 6 feet?

Name: _____

x	0	1	2	3	4	5	6	7	8	9	10	11	12
2									16				
3						15							
4											40		
5													60
6			12										
7	0												
8				24									
9										81			
10					40								
11		11											
12							72						

$7 \times 12 =$ $11 \times 4 =$ $0 \times 2 =$ $11 \times 10 =$ $6 \times 8 =$

$11 \times 5 =$ $12 \times 7 =$ $9 \times 10 =$ $11 \times 10 =$ $4 \times 2 =$

$2 \times 4 =$ $8 \times 8 =$ $3 \times 4 =$ $6 \times 10 =$ $2 \times 6 =$

$7 \times 5 =$ $9 \times 9 =$ $2 \times 9 =$ $1 \times 6 =$ $7 \times 11 =$

Name: _____

Max found 30 seashells. He put them in a bag and pulled out 4 pink shells out of 12 pulls. Predict the number of pink shells he will pull in 12 more pulls.

Anna is almost finished with her homework. She is going to reward herself with a strawberry parfait when she finishes. This is her last question: "What is the prime factorization of 76?" Answer the question for her.

Grandma King told us about the time she made a quilt. She wanted to put a ribbon border around the outside. The quilt was 6.5 feet long and 5 feet wide. How many feet of ribbon did she need?

$$5 \div \frac{1}{7}$$

$$(6 + 1) + 2$$

5, _____, _____, _____,
_____, _____, 425

The library purchased 80 new books at a total cost of \$1,441.09. They had \$8,182 in their budget to buy books. How much money is left to buy more books?

Robert and Ava are going to the pet store to buy a pet rabbit. They can buy a black rabbit, a white rabbit, or a white rabbit with black spots. The rabbits have lopped ears or straight ears. Make a tree diagram to show the possible choices.

It costs \$0.008 per hour to run a 100-watt light bulb. It costs \$0.018 per hour to run a small radio. How much more does it cost to run a radio for 23 hours than it costs to run a 100-watt light bulb for the same amount of time?

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5.

Every row must contain the numbers 1, 2, 3, 4, and 5.

Every column must contain the numbers 1, 2, 3, 4, and 5.

In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

1-		4-		3-
		5		4
3-	1-		3-	
	1-			5
3-	1	3-	1-	
5				
	5		1-	
			4	

Fill in the blanks. These equations are from the puzzle above.

$$4 - \underline{\quad} = 1$$

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

$$\underline{\quad} - 2 = 1$$

$$\underline{\quad} - 2 = 3$$

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

$$\underline{\quad} - 2 = 1$$

$$\underline{\quad} - 2 = 1$$

$$\underline{\quad} - 1 = 3$$



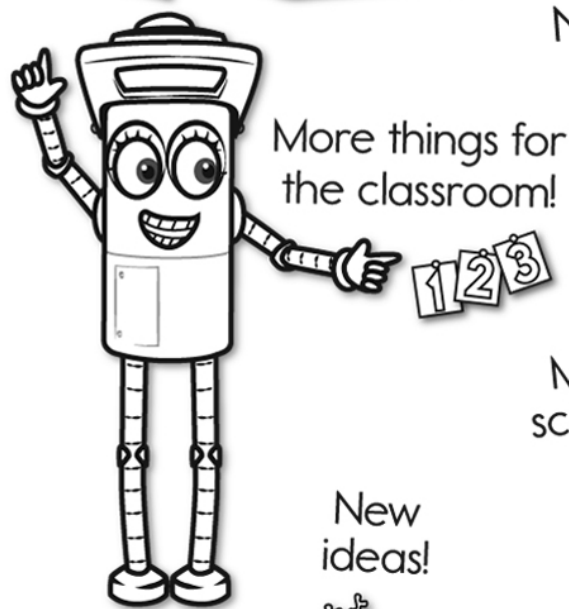
It's NO PREP
at edHelper.

More
history!



edHelper.com!

New online math
games!



1 2 3

New
ideas!



More
science!



x
+ =
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More
puzzles!



