

Name: _____

Mr. Johnson has ants and owls on his farm. The ants are his favorite! One day he was bored and counted all the legs. Between his insects and owls he had a total of 20 legs. That's a lot of legs! How many ants does he have?

Write the ratio as a fraction.
18 robots to 12 phones

Write the ratio as a fraction.
2 boys to 3 girls

Change to a percent.

$$\frac{60}{100}$$

$$9 - 33 \div 11$$

Round 116 to the nearest ten.

$$12 \times 8 =$$

Circle the correctly spelled words.

crate, crate
danety, dainty
drug, drugg

$$1 \text{ lb} = 16 \text{ oz}$$

$$19 \text{ lb} = \text{_____} \text{ oz}$$

$$99 \div 11 =$$

Name: _____

Put these numbers in order from largest to smallest.

6.05

5.98

6.12

6.031

In the parking lot there are 12 vehicles. There are 3 SUVs. What fraction of the vehicles are not SUVs?

How many total legs are on 6 tigers?

$$615 + 7 =$$

98783, 87839, _____,
83987, 39878, 98783,
87839, 78398, 83987,
39878, 98783, 87839,
78398, 83987

$$(8 + 9) \times 5$$

What is the sum of 6 and 67?

Name: _____

Nathan loved chocolate chip cookies and enjoyed making his own special ones with walnuts! Saturday he made enough cookies to give everyone in his class four cookies and still have a dozen left for himself. He made the cookies in five batches. Each batch had to bake for twelve minutes and it took him five minutes to take one batch off the cookie sheet and put another batch on it. If the first batch was in the oven at 10:30 a.m., what time was it time to take the last batch out of the oven?

Emily and Justin went to Tappin' Toes with their mother to buy new tap shoes. They were taking part in a dance recital in two weeks and wanted to have new shoes for the event. Emily chose a pair of pink tap shoes that cost \$35.71; Justin chose a pair of black tap shoes that cost \$45.77. Including 5% sales tax, how much did the two pairs of shoes cost?

Sarah rode an exercise upright bike for 32 minutes. Her average speed was 11.7 mph. How far did she ride?

$$-37 + 32 =$$

$$27 + -39 =$$

$$-9 + 6 =$$

Name: _____

Complete each pattern. Write what the rule is for each pattern.

(4,096) , (1,024) , (256) ,

(64) , (16) , (4) ,

(1) , $\frac{1}{4}$, _____

(27) , (9) ,

(3) , (1) ,

$\frac{1}{3}$, $\frac{1}{9}$, $\frac{1}{27}$, _____ , _____

Find the missing numbers.

If

$$1, 5 = 5$$

$$2, 7 = 14$$

$$3, 10 = 30$$

$$4, 13 = 52$$

Then

$$5, 15 = ?$$

If

$$8, 5 = 13$$

$$9, 9 = 18$$

$$10, 12 = 22$$

$$11, 17 = 28$$

Then

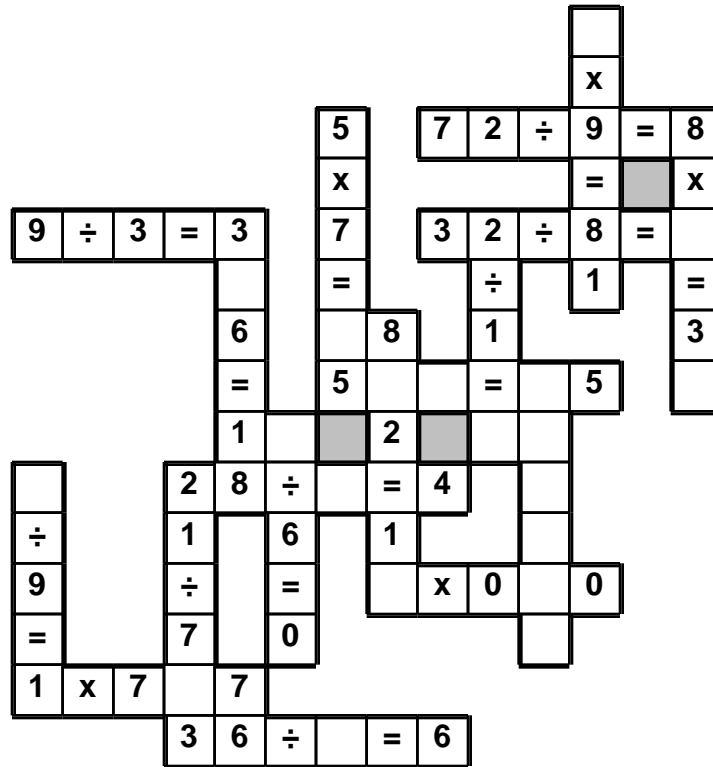
$$12, 21 = ?$$

Name: _____

<p>Emma's father has been working at Mountain Springs Manufacturing for five years. Last week his hourly salary was raised from \$15.54 per hour to \$16.72 per hour. If he works forty hours per week, how much more will he make each week?</p>	<p>It is so obvious that Mary has a big heart. Yesterday she baked some brownies for her grandfather. She gave him 11 brownies, and then ate 6 of the remaining brownies. Let n represent the number of brownies she baked. Write an expression using n showing this.</p>	<p>Mr. Robinson built a rectangle-shaped deck in the back of his house. He worked on it for an hour each day during National Time Management Month. By the end of the month, he had finished the $8\frac{1}{4}$ feet wide and $12\frac{1}{2}$ feet long deck. What is the perimeter of his deck?</p>
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Write a letter that has a line of symmetry. _____	How many centimeters are in 40 millimeters? _____ centimeters		
Can 245 be evenly divided by 12? Circle: 245 is NOT evenly divisible by 12 245 is evenly divisible by 12	Write the missing family fact. $7 \times 17 = 119$ $119 \div 17 = 7$ $119 \div 7 = 17$ _____		
$\begin{array}{r} 724 \\ - 262 \\ \hline \end{array}$	$\begin{array}{r} 492 \\ + 343 \\ \hline \end{array}$	$8 \times 5 =$	Circle the correctly spelled word. There is a tradition that you if you throw a coin in a (fountin/fountain), your wish will come true.

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



$$\begin{array}{r} 36 \\ + 39 \\ \hline \end{array}$$

8 km = _____ m

$$\begin{array}{r} 27 \\ - 11 \\ \hline \end{array}$$

word root **inter** can mean **between** interstate, international

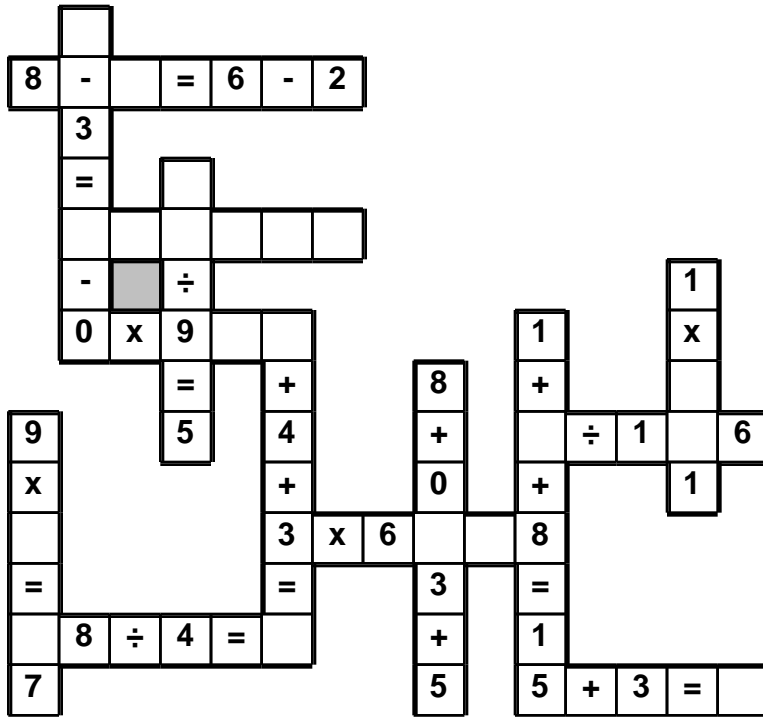
Name: _____

<p>How far do you think it is from the ground to your chin? Write an estimate of the distance you think it could be.</p>	<p>$72 \div 6 =$</p>	<p>For 540,942,307,828, write the digit that is in the hundred thousands place.</p> <p>_____</p>
<p>Can 366 be evenly divided by 6? Circle: 366 is evenly divisible by 6 366 is NOT evenly divisible by 6</p>	<p>Mary will win if a random number pulled out of a box is a number divisible by 4. 21 pieces of paper, numbered 12 to 32, are put inside a box. What is the chance that Mary will win?</p>	
<p>Write this as a number in standard form. Use a comma in your number.</p> <p>four hundred eighteen thousand, five hundred forty-eight</p> <p>_____</p>	<p>$10 \times 11 =$</p> <p>$35 \div 7 =$</p>	
<p>April wants Emma to guess a two digit number. She tells Emma that her number has two different digits. The digits are 8 and 6. Emma thinks. She then guesses the number 68. What are the chances that Emma has guessed correctly?</p>		

Name: _____

5 • 4 • 4 • 2 • x • 5 • = • 1 • 0 • = • 0 • 1 • 6 • = • 3 • = • 1
2 • 7 • 8

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



Circle the smallest number:

987,736,480 42,350
934,170,258,661 2,195,209,637

How many digits are in the current year?

Write an equation to represent this:

The sum of ten and five is fifteen.

In each pair, circle the word that is spelled correctly.

boast, boste
cactus, cactus
funeral, fewnral

Can 994 be evenly divided by 7? Circle:

994 is evenly divisible by 7
994 is NOT evenly divisible by 7

Name: _____

$$10 - \frac{2}{3} + \frac{1}{2} =$$

$$11 - \frac{7}{9} - \frac{3}{10} =$$

$$9 + \frac{1}{3} - \frac{1}{2} =$$

Find the least common denominator.

$$\frac{11}{12} \text{ and } \frac{5}{13}$$

$$\begin{array}{r} 3 \frac{1}{9} \\ + 6 \frac{7}{9} \\ \hline \end{array}$$

Find the least common denominator.

$$\frac{10}{72}, \frac{5}{48} \text{ and } \frac{20}{24}$$

Reduce $\frac{120}{144}$ to its lowest terms.

Reduce $\frac{6}{54}$ to its lowest terms.

$$18 - \frac{1}{3} + \frac{1}{2} =$$

$$\begin{array}{r} 0.79 \\ - 0.468 \\ \hline \end{array}$$

$$\begin{array}{r} 0.9 \\ - 0.2 \\ \hline \end{array}$$

Find the difference between 24.4 and 15.6.

Name: _____

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

5 7 8 5 8 6 0

The sum of these two 2-digit numbers is 134. Write the full equation.

Use any of these digits. Cross off a digit after you use it.

6 0 3 9 0 7

Write the smallest 2-digit number that you can come up with that is divisible by 3.

$(12 \times 2) + 11$

What is the area of a rectangle with sides 3 cm and 6 cm?

110 divided by 11 equals

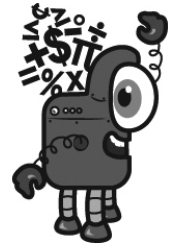
Name: _____

Mental Math

— #1 —

■ Start with the number 555.

555



■ Double that number.

5 5 1 1 1 0 8 1 3 1 (Circle your answer to double check you are correct.)

■ Add half of 50.

5 4 9 4 1 1 3 5 1 7

■ Double that number.

4 6 6 4 3 2 2 7 0 2

■ Divide by 2.

7 0 5 1 1 3 5 0 4 9

■ Add the number of ounces in 1 pound.

1 1 1 5 1 0 3 3 5 5

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

4 3 9 5 7 9 8 8 1 4

■ Multiply by 10.

3 1 2 0 7 5 5 8 0 3

■ Divide by 8.

1 0 6 6 8 0 1 4 9 9

■ Double that number.

5 6 9 4 2 3 2 0 8 1

■ Double again.

9 4 0 5 8 7 6 4 4 0

Name: _____

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Make \$17.14 using bills and coins.

\$10			
			1¢

Show a different way to make \$17.14 using a different number of bills or coins.

Make \$15.48 using bills and coins.

Show a different way to make \$15.48 using a different number of bills or coins.

In the number 50,564,574,310, the digit 3 is
in what place?

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 plus sign, the given number will be the sum of all the digits in the cage.

4	16+ 5	3+	1	13+
			3	
	4	17+		
1	6+	4		2
			9+	

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

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

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + 3 + \underline{\quad} = 13$$

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

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

$$5 + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = 16$$

$$\underline{\quad} + \underline{\quad} + 4 + \underline{\quad} = 17$$

Name: _____

+	24		81			59
	100	110				
	<u> </u> + <u>24</u>	<u> </u> + <u> </u>	<u> </u> + <u>81</u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u>59</u>
					78	78
	<u> </u> + <u>24</u>	<u> </u> + <u> </u>	<u> </u> + <u>81</u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u>59</u>
				140		
	<u> </u> + <u>24</u>	<u> </u> + <u> </u>	<u> </u> + <u>81</u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u>59</u>
			107	68		
	<u> </u> + <u>24</u>	<u> </u> + <u> </u>	<u> </u> + <u>81</u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u>59</u>
45		79			104	
	<u>45</u> + <u>24</u>	<u>45</u> + <u> </u>	<u>45</u> + <u>81</u>	<u>45</u> + <u> </u>	<u>45</u> + <u> </u>	<u>45</u> + <u>59</u>
		77		85		
	<u> </u> + <u>24</u>	<u> </u> + <u> </u>	<u> </u> + <u>81</u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u>59</u>
			145			
	<u> </u> + <u>24</u>	<u> </u> + <u> </u>	<u> </u> + <u>81</u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u>59</u>
13	37					
	<u>13</u> + <u>24</u>	<u>13</u> + <u> </u>	<u>13</u> + <u>81</u>	<u>13</u> + <u> </u>	<u>13</u> + <u> </u>	<u>13</u> + <u>59</u>

Circle the addition property
for $54 + 199 = 199 + 54$.

commutative property
associative property

Insert commas in the correct places in
this sentence.

I can't decide if I like diamonds
rubies or emeralds best.

Name: _____

Mrs. Lewis's class is raising money for needy people during May.

Anna saved a nickel for each day of the month to donate.

Billy saved a dime each day. Who collected more money? By how much more?

Reduce $\frac{40}{65}$ to its lowest terms.

$$17 + \frac{8}{9} - \frac{4}{7} =$$

$$95 - \frac{2}{3} =$$

$$80 \div 10 \times 10$$

How many total legs are on 11 ants?

$$\underline{\hspace{1cm}} \div 3 = 12$$

Write 9,157,635 in words.

Name: _____

Sarah has a messy desk. She has a total of 52 markers, pens, and pencils.

She has 4 times as many markers as pens.

She also has 4 more pencils than pens.

How many markers does she have?

$$28 \div 4 =$$

8, _____, 24, 32, 40,
48, 56

What number is halfway
between 0 and 14?

$$6 + (10 \times 3)$$

How many tens are in the
number 30?

8, 10, _____, 14, 16, 18,
20, 22, 24, 26

$$(8 + 5) + 2 =$$

Name: _____

Complete each pattern. Write what the rule is.

$$4\frac{1}{2}, 4\frac{1}{4}, 4, 3\frac{3}{4}, 3\frac{1}{2}, 3\frac{1}{4}, 3, 2\frac{3}{4},$$

$$2\frac{1}{2}, 2\frac{1}{4}, 2, 1\frac{3}{4}, 1\frac{1}{2}, 1\frac{1}{4}, 1, \underline{\hspace{2cm}}$$

$$4, 3\frac{3}{4}, 3\frac{1}{2}, 3\frac{1}{4}, 3, 2\frac{3}{4}, 2\frac{1}{2}, 2\frac{1}{4},$$

$$\underline{\hspace{2cm}}, \underline{\hspace{2cm}}, 1\frac{1}{2}, 1\frac{1}{4}, 1, \frac{3}{4}, \frac{1}{2}, \underline{\hspace{2cm}}$$

Complete each pattern. Write what the rule is.

$$8, 14, 23, 35, 50, 68, 89, 113, 140, 170, 203, 239, 278, \underline{\hspace{2cm}}$$

$$25, 31, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}, 67, 85, 106, 130, 157, 187, 220, 256, 295, \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}}, 30, 39, 51, 66, 84, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}, 156, 186, 219, 255, 294, 336$$



It's NO PREP at edHelper.

More history!

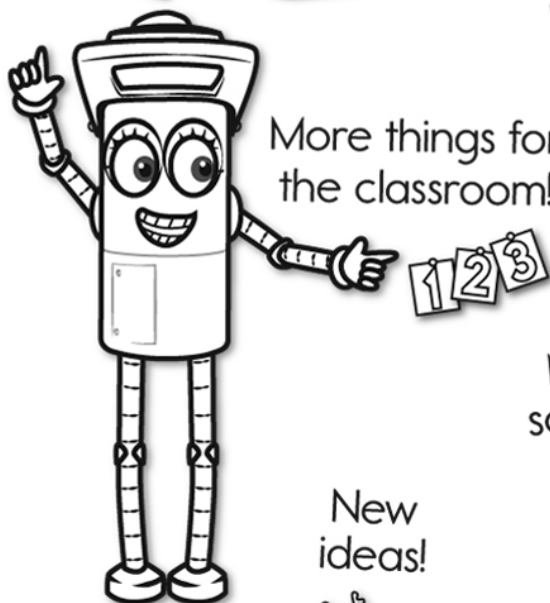


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