

Name: _____

Complete each pattern. Write what the rule is. Hint: Look at movement of digits!

48682, 86824, 68248, 82486, 24868, 48682, 86824,
68248, 82486, _____, _____, 86824, 68248, 82486

291381, 913812, 138129, 381291, 812913, 129138, 291381,

_____, _____, 381291, 812913, _____, _____, 913812

Complete each pattern. Write what the rule is.

$\frac{2}{3}$, _____, $1\frac{1}{3}$, $1\frac{2}{3}$, 2, $2\frac{1}{3}$, $2\frac{2}{3}$, 3, $3\frac{1}{3}$,
 $3\frac{2}{3}$, 4, $4\frac{1}{3}$, $4\frac{2}{3}$, 5, $5\frac{1}{3}$, $5\frac{2}{3}$, 6

$\frac{1}{3}$, _____, _____, $1\frac{1}{3}$, $1\frac{2}{3}$, 2, $2\frac{1}{3}$, $2\frac{2}{3}$,
3, $3\frac{1}{3}$, _____, 4, $4\frac{1}{3}$, $4\frac{2}{3}$, 5, $5\frac{1}{3}$

Add $\frac{1}{3}$

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

73	36	65	
+	93	87	31
	61	7	11
	23	88	9

Find an addition fact.

B

40	56	69	
+	78	25	84
	46	63	45
	12	93	17

Find an addition fact.

C

77	18	80	
+	63	14	70
	37	61	71
	29	22	30

Find an addition fact.

Equations:

Write the equation facts you found.

A	23	+	65	=	88
B	46	+		=	
C		+		=	77

The circus is in town! Tickets are only \$4 for kids. Adults need to pay double the price of kids tickets. Holly is bringing three of her friends in her class. Her mom is also coming. Holly wants to pay for everyone. How much will she need to pay?

1 cm = 10 mm

7 cm = _____ mm

108 ÷ 12 =

Cross out the word that is **not** a relative adverb.

how, but, why, when

8 km = _____ m

Name: _____

The fourth grade students invited their parents to come to their classroom on Alexander Graham Bell Day to see their projects. Anne was making nametags for the parents. She needs 38 nametags. If she makes 5 nametags each day, how many days will it take her to make all the tags?

The Glenn Springs Library just added a children's section. They put in 7 small tables with chairs, colorful rugs, 15 beanbags, and 2,185 feet of bookshelves! The librarian said that about 14 books would fit on each foot of bookshelf. When the shelves are filled, about how many books will there be in the children's section?

Name the place value that is 10 times greater than the tenths place.

A number is greater than 12 and less than 27. This number has exactly 4 factors.

The sum of its factors is 24.

What is the number and what are its factors?

Name: _____

$$3 + 5 + 7 + 4 =$$

$$\begin{array}{r} 8,215 \\ - 2,092 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ + 42 \\ \hline \end{array}$$

Write the reciprocal.

$$\frac{2}{1}$$

Write the reciprocal.

$$\frac{1}{3}$$

Write the reciprocal.

$$\frac{14}{6}$$

Write as a decimal.
Three tenths

Write as a decimal.

$$20 \frac{3}{10}$$

Write as a decimal.

$$10 \frac{49}{100}$$

$$\begin{array}{r} 729 \\ \times 62 \\ \hline \end{array}$$

$$\begin{array}{r} 661 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 184 \\ \times 26 \\ \hline \end{array}$$

Sketch a right angle named

\angle

Sketch an obtuse angle

named \angle CDE.

An angle measures 147° .

What would you call this angle?

Name: _____

$$-7 + 2 =$$

$$-12 \div -2 =$$

$$6 + -7 =$$

Change $\frac{1}{8}$ to a decimal.

$$3 \overline{) 0.9}$$

Change $\frac{1}{4}$ to a decimal.

What is the greatest common factor of 18 and 24?

What is the greatest common factor of 6 and 10?

What is the least common multiple of 3 and 8?

Sketch 2 lines \overleftrightarrow{CD} and \overleftrightarrow{UV} that are perpendicular.



What kind of angle is this?

$$3y = 18$$

$$3m = 12$$

$$4n = 8$$

Name: _____

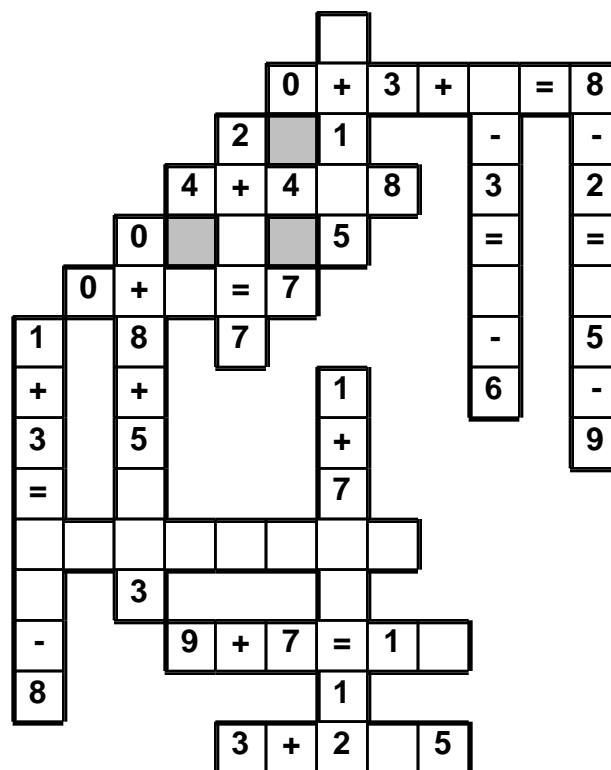
Adam is playing a game called Summertime Blues. It has a spinner with 12 equal sections. Two of the sections are sky blue, 3 are robin's egg blue, 4 are indigo blue, and 3 are azure blue. Which color covers $\frac{1}{3}$ of the spinner?

Maria wants to use lime-flavored tortilla chips as a topping on salads she is making for a large family reunion. If an 8-ounce bag of chips will make $\frac{1}{2}$ of a cup of crushed chips, how many bags of chips will she need to make $3\frac{1}{4}$ cups of crushed chips for her salads?

Emma was very excited! She was going to her best friend's house on August 2 for a Friendship Day party. If Emma's birthday was 17 days earlier, when was her birthday?

4 • 5 • = • 5 • 7 • 8 • 1 • = • 1 • + • 1 • 2 • = • 9 • + • 4 • 2
4 • 6 • =

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



Name: _____

<p>Can 849 be evenly divided by 3? Circle: 849 is NOT evenly divisible by 3 849 is evenly divisible by 3</p>	<p>Write this as a number in standard form. Use a comma in your number.</p> <p>seven hundred forty thousand nine hundred forty-two</p> <p>_____</p>
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<p>How many millimeters are in 7 centimeters?</p> <p>_____ millimeters</p>	<p>Sarah will win if a random number pulled out of a box is an even number. 32 pieces of paper, numbered 1 to 32, are put inside a box. What is the chance that Sarah will win?</p>
<p>Which pronoun best completes the sentence?</p> <p>The cat _____ lives next door is adventurous.</p> <p>(A) who (B) that (C) when (D) where</p>	
<p>Circle the correctly spelled words.</p> <p>general, jeneral, genral slayne, slain, slane runge, runng, rung</p>	

<p>$56 \div 7 =$</p>	$\begin{array}{r} 896 \\ - 188 \\ \hline \end{array}$	<p>Amy wants to call Holly. Holly is on vacation in Asia. It is a time difference of nine hours. Holly's time is always later than Amy's time. If it is 8:29 P.M. where Amy lives, then what time is it where Holly is?</p> <p>_____</p>	$\begin{array}{r} 23 \\ + 43 \\ \hline \end{array}$
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<p>What time is 16 hours after 3:00 a.m.?</p> <p>_____</p>	<p>Write one synonym for this word.</p> <p>frequent</p> <p>_____</p>	<p>$3 \times 10 =$</p>
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Name: _____

$\begin{array}{r} 27 \\ - 16 \\ \hline \end{array}$	$(4 + 7) + 5 =$	$\begin{array}{r} 228 \\ + 480 \\ \hline \end{array}$
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Write an equation to represent this:
 The sum of five and six is eleven.

Write a letter that has two or more lines of symmetry.

Circle the smallest number:
 3,987,045,261 58,746
 219,643 95,420,836,170

Amanda will win if a random number pulled out of a box is a number divisible by 4. 26 pieces of paper, numbered 31 to 56, are put inside a box. What is the chance that Amanda will win?

Kevin bought pearl earrings for his bride. The earrings cost \$176.75. Kevin had saved \$300 for his bride's gift. How much did he have left after he paid for the earrings?

How many digits are in ten times ten?

$8 \times 9 =$

Circle the addition property for $76 + 114 = 114 + 76$.
 associative property
 commutative property

Write a letter that has a line of symmetry.

Name: _____

3 • x • 5 • = • 1 • 5 • 5 • 3 • 8 • x • = • 7 • 3 • 5 • 7 • ÷
0 • 6 • 3 • 0

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

If you multiply 492×500 , you will have a number that is how much bigger than 164×250 ?

- It will be five times as big.
- It will be seven times as big.
- It will be eight times as big.
- It will be six times as big.
- It will be nine times as big.
- It will be four times as big.

Anna has two favorite numbers. If you add her favorite numbers, you get 19. If you multiply her favorite numbers, you get 70. What are her mystery numbers?

$7 \times 8 =$

Circle the word that best completes the sentence.

I hope to see you (their/there).

Name: _____

Find the sum of 11, 18, and 31.

$$\begin{array}{r} 9,562 \\ - 824 \\ \hline \end{array}$$

$$\begin{array}{r} 8,355 \\ - 1,774 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ + 10 \\ \hline \end{array}$$

What number is 506 less than 578?

$$\begin{array}{r} 27 \\ + 427 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ \times 9 \\ \hline \end{array}$$

Multiply 235 and 2.

$$\begin{array}{r} 2,980 \\ \times 3 \\ \hline \end{array}$$

$$2 \overline{)133}$$

Divide and write remainder.

$$27 \overline{)3839}$$

Divide and write remainder.

$$60 \overline{)5400}$$

Divide and write remainder.

Name: _____

	+	+	+	=	
	C	B	B	A	82
+	A	A	B	A	44
=					
	36	?	46	14	

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$C + B + B + A = 82 \quad _ + A = 14 \quad _ + _ = 36$$

$$_ + _ = 46 \quad _ + _ + _ + _ = 44$$

Additional hints:

$$C < 32 \quad B = A + 16$$

Show Work:

Solve:

$$? = _$$

Name: _____

There are 24 students in the physical science class. Five of them wear glasses and 4 wear contact lenses. What is the ratio of students who wear corrective lenses to those who do not?

There are 10 quarts of ice cream on the store shelf. How many gallons of ice cream is this?

During International Language Week, $\frac{1}{4}$ of the students at Martin High School checked foreign language books out of the library. What percent of the students checked out foreign language books?

Name: _____

CHALLENGE YOUR CLASSMATES!

(OR SIBLING OR PARENT)

Play against
someone!



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.



4 is what % of 10?

Find 86% of 43.

$$\frac{4}{9} = \frac{?}{81}$$

Name: _____

Write the final part of each math analogy.

nine tens and six ones : 96 :: eight tens and seven ones :

Explain why you think your answer is correct.

nine dimes and nine pennies : \$0.99 :: eight dimes and two pennies :

Explain why you think your answer is correct.

15 tens : 150 :: 15 hundreds :

Explain why you think your answer is correct.

4,191 : 4,000 :: 4,113 :

Explain why you think your answer is correct.

Name: _____

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.



! Draw 1 of these 3 pictures.
! The picture IS in the correct spot.



! Draw 1 of these 3 pictures.
! The picture IS in the correct spot.

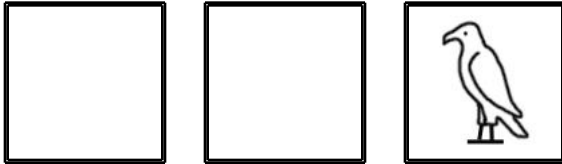


! Draw 1 of these 3 pictures.
! The picture is NOT in the correct spot.

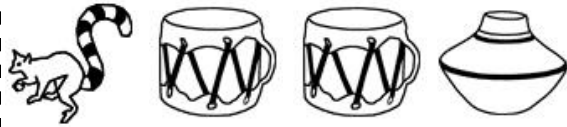


! Draw 2 of these 3 pictures.
! The pictures to use are in the correct spot.

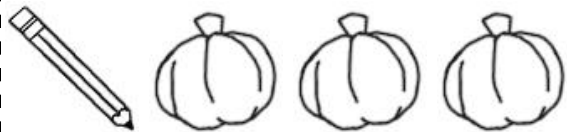
Draw the 3 pictures in the correct order:



Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.



! Draw 1 of these 4 pictures.
! The picture is NOT in the correct spot.



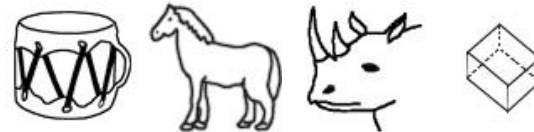
! Draw 1 of these 4 pictures.
! The picture IS in the correct spot.



! Draw 3 of these 4 pictures.
! The pictures to use are in the correct spot.

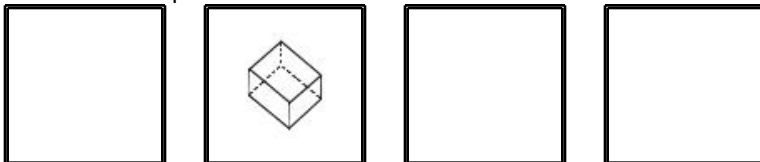


! Draw 1 of these 4 pictures.
! The picture is NOT in the correct spot.



! Draw 3 of these 4 pictures.
! 1 of those pictures is in the correct spot.

Draw the 4 pictures in the correct order:



Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.
One set of sums has been done for you.

sum of 7 ↓	sum of 6 ↓	sum of 4 ↓	sum of 4 ↓			
		sum of 7 ↓	sum of 4 →			
	sum of 7 ↓					sum of 8 ↓
sum of 10 →						
sum of 3 ↓	sum of 8 ↓		sum of 10 →			
		sum of 4 →	3	1		
	sum of 10 →					

sum of 9 →				sum of 8 ↓		sum of 8 ↓
sum of 9 ↓		sum of 8 →				
	sum of 4 ↓		sum of 7 ↓		sum of 7 →	
		sum of 6 →			sum of 8 →	
sum of 6 →					sum of 7 ↓	
sum of 5 →				sum of 4 ↓	3	sum of 9 ↓
					3	sum of 6 ↓
					3	
					1	

In the number 261,304,468,042, the digit 8 is in what place?

Nine 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 \$99. How much is one kids ticket? How much is one adult ticket?

$$21 \div 7 =$$

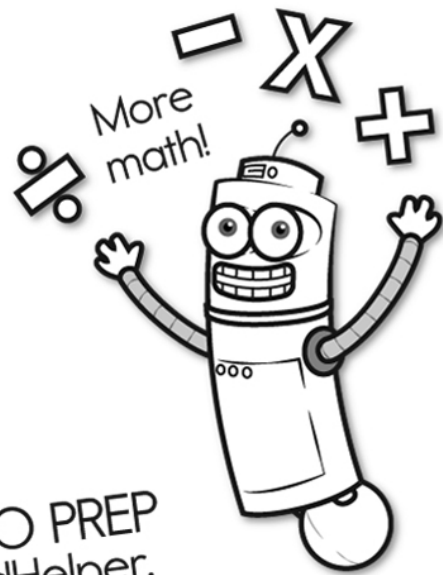
Write the missing family fact.

$$55 + 17 = 72$$

$$72 - 55 = 17$$

$$72 - 17 = 55$$

For 9,043,405,105,205, write the digit that is in the ten thousands place.



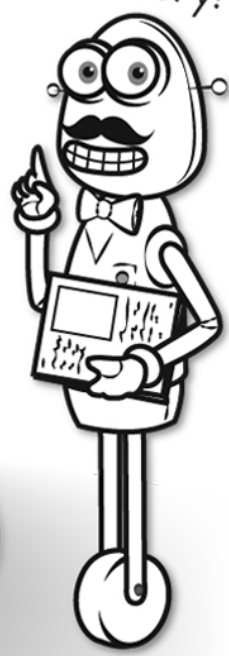
It's NO PREP at edHelper.

More history!

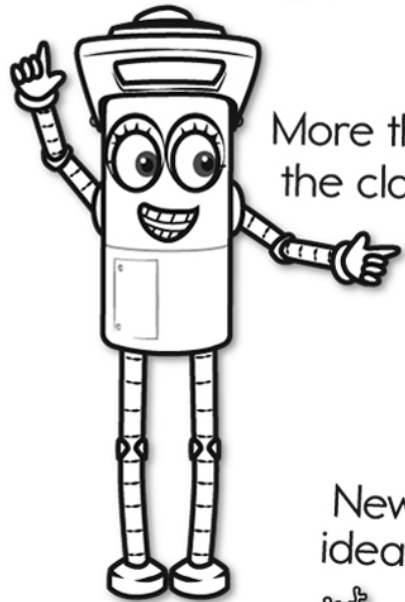


edHelper.com!

New online math games!



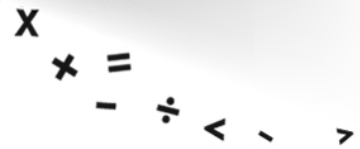
More things for the classroom!



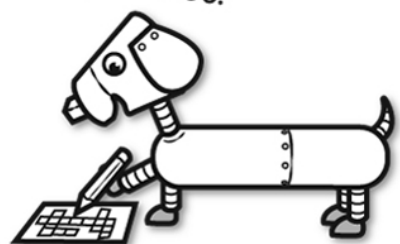
More science!



New ideas!



More puzzles!



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