

Name: _____

Cross off the number that does NOT belong.

10.9, 19.5, 2.4, 12.4, 32.8, 54.7, 89.9,
177.4, 322, 589.3, 1088.7, 2000, 3678, 6766.7

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

$12 \frac{4}{16}$, $12 \frac{8}{16}$, $12 \frac{7}{10}$, $12 \frac{19}{20}$, $13 \frac{3}{20}$, $13 \frac{2}{5}$, $13 \frac{3}{5}$,
 $13 \frac{17}{20}$, $14 \frac{1}{20}$, $14 \frac{3}{10}$, $14 \frac{8}{16}$, $14 \frac{9}{16}$, $14 \frac{12}{16}$

Add $\frac{1}{4}$, then add $\frac{1}{5}$

; Repeat.

Why does _____ not belong in the pattern?

Name: _____

In 2003 approximately 80,400,000 pounds of blueberries were harvested in the United States. What is the value of the digit "4" in that number?

Ms. Johnson is planning a trip to the Museum of History on the date of Thailand's New Year. A total of 131 students are going on the trip. Each bus will hold 36 students. How many buses will be needed?

Mr. Taylor has a truck garden and raises a variety of vegetables. Last year he used 13.3 acres of his land for squash. He planted zucchini on 6.08 acres of that land. How much land was left for other kinds of squash?

It took the Frost-Free Company 89 days to make enough TV dinners to supply the Marks Grocery Stores. How many weeks did it take the company to make the TV dinners?

Mrs. Martinez likes licorice tea. She can buy one box of licorice tea for \$4.29. She can buy two boxes of tea for \$8. How much will she save if she buys two boxes at the same time?

The restaurant made 2,700 milliliters of coffee, 4,300 milliliters of tea, and 1,450 milliliters of lemonade to serve on Fritter Frenzy day in the park. How many liters of beverage did the restaurant make?

Name: _____

Nathan loved to write limericks. He had written 67 limericks, and he still had more in his head. If it took him an average of 37 minutes to write each limerick, how long had it taken him to write all 67 limericks? Express your answer in hours and minutes.

Hannah is helping her parents plan a trip to Hawaii this summer. Using a map and map scale, she found out that the distance from Washington, D. C., to Honolulu is about 5,100 miles. The distance measured on the map is 12 inches. What is the map scale?

According to a survey, 82% of adults in the United States pray at least once a week. Out of a group of 15,000 adults, approximately how many pray at least once a week?

If you placed three British 10-penny coins together in a triangular pattern, what would the distance be from the center of one coin to the center of another? A 1969 British 10-penny coin has a diameter of about 2.8 cm.

Jack decided to run one mile every 5 days. Jacob decided to run two miles every 6 days. If they both start on Wednesday, April 16, when will they both run on the same day again?

$$9,959 + 4,977 = \underline{\hspace{2cm}}$$

Rosa rolls a die. What is the chance of her rolling a 6?



A 6x6 grid with black and white circles. A green path starts at a white circle in row 1, column 2, moves right to row 1, column 6, and then down to row 2, column 6.

Black	White				Black
White			White	Black	White
				White	
White		White			
Black	White			White	Black

$$\begin{array}{r} 22 \\ + 30 \\ \hline \end{array}$$

10 lb = _____ oz

Name: _____

Circle the greatest number: 8,751,439,008 3,990 507,238,916,462 762,514	$6 \times 9 = \underline{\hspace{2cm}}$	$\begin{array}{r} 468 \\ + 268 \\ \hline \end{array}$

Amy is a family friend. She will be picking you up from school and driving you to a pizza place. Where should she go? Write instructions to explain how she could get there and where you will be going.	$15 \div 3 =$
	$5 \times 8 =$

Robert took three numbers greater than 1 and multiplied them. One number was seven and the other number was twenty. Of course, he forgot the last number, but he remembered the product was 101. Is this possible?	$8 \times 6 = \underline{\hspace{2cm}}$	$\begin{array}{r} 99 \\ - 28 \\ \hline \end{array}$

$88 \div 11 = \underline{\hspace{2cm}}$	1 cm = 10 mm 11 cm = $\underline{\hspace{2cm}}$ mm	What time is 16 hours after 3:00 a.m. _____
---	---	--

Maria is older than Sarah. Sarah is younger than Anne. Who's the youngest?	How many yards are in 9 feet? _____ yards
--	--

$30 \div 6 = \underline{\hspace{2cm}}$
--

Name: _____

Can 406 be evenly divided by 4? Circle:

406 is evenly divisible by 4

406 is NOT evenly divisible by 4

$$288 + 354 = \underline{\hspace{2cm}}$$

$$(3 + 7) + 3 = \underline{\hspace{2cm}}$$

For 765,915,917,893, write the digit that is in the ten thousands place.

$$8,144 - 1,158 = \underline{\hspace{2cm}}$$

If you divide 96 by 5, you get a remainder of 1.
Make up three other different equations where you divide by 5 and get a remainder of 1.

Write an equation to represent this:

The product of twelve and eight is ninety-six.

$$5,549 - 2,289 = \underline{\hspace{2cm}}$$

$$98,513 - 48,983 = \underline{\hspace{2cm}}$$

Circle the addition property for $63 + 132 = 132 + 63$.

associative property
commutative property

$$3,524 - 1,222 = \underline{\hspace{2cm}}$$

$$12 \times 4 = \underline{\hspace{2cm}}$$

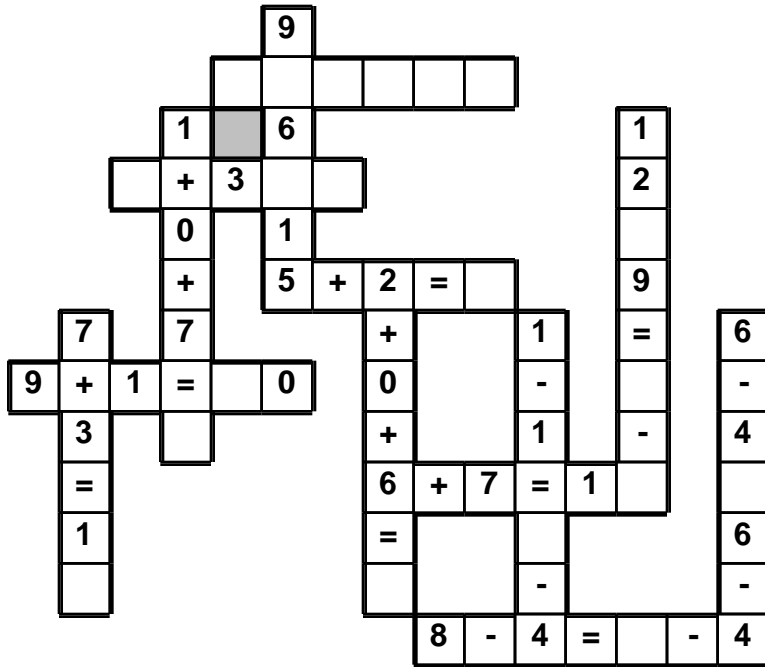
$$66 \div 6 = \underline{\hspace{2cm}}$$

$$9 \times 12 = \underline{\hspace{2cm}}$$

Name: _____

7 • + • 7 • = • 1 • 4 • 2 • = • 5 • - • 7 • 1 • 6 • 8 • 3 • =
4 • 0 • 8 • 8

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



What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Once you use a letter, cross it off on the bottom. You cannot use the same letter more than once.

Make a Word

Sum

1 2 4 6 8 12 16
S O L I T U D E

49

1 2 4 10 16
B R A

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

Make a Word

Sum

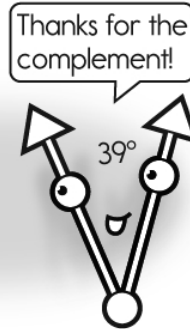
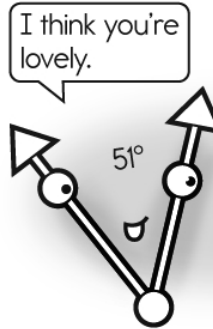
1 2 4 8 14 20
C O

1 2 4 10
F R I

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

Name: _____

Complementary and Supplementary Angles

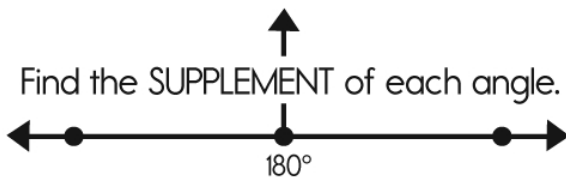


22° _____

10° _____

54° _____

71° _____



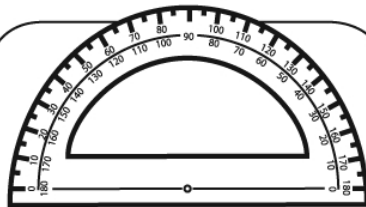
64° _____

102° _____

15° _____

175° _____

88° _____



Find something in the room that is at an angle. Draw it here. ➡

estimate the angle

°

supplementary angle

°

complementary angle

°

Name: _____

Change $\frac{585}{63}$ to a mixed number.

Use >, <, or = to complete.

$$10.9 \text{ } \underline{\hspace{1cm}} \text{ } 10.90$$

$$18.7 \text{ } \underline{\hspace{1cm}} \text{ } 18.47$$

$$9.57 \text{ } \underline{\hspace{1cm}} \text{ } 9.7$$

$$361 \text{ } \underline{\hspace{1cm}} \text{ } 364.43$$

$$482 \text{ } \underline{\hspace{1cm}} \text{ } 478.84$$

$$290 \text{ } \underline{\hspace{1cm}} \text{ } 292.18$$

$$160.92 \text{ } \underline{\hspace{1cm}} \text{ } 164$$

$$3\frac{7}{10} \div \frac{2}{3} =$$

$$\frac{3}{4} \div \frac{3}{5} =$$

Write as a decimal.
Thirty hundredths

Write the reciprocal.

$$\frac{19}{14}$$

Write the decimal in words.
37.4

Reduce each fraction to its lowest terms.

$$\frac{6}{18} =$$

$$\frac{3}{6} =$$

$$\frac{32}{40} =$$

$$\frac{4}{12} =$$

$$\frac{30}{35} =$$

$$\frac{81}{162} =$$

$$1\frac{2}{5} \times 2\frac{1}{11} =$$

Name: _____

		+		x		=	
	B		C		C		89
+	A		B		?		77
-	B		C		B		80
=							
	5		8		10		

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$C + B - C = 8 \quad B + \underline{\quad} - B = 5 \quad \underline{\quad} + \underline{\quad} \times \underline{\quad} = 80$$

$$\underline{\quad} + \underline{\quad} \times \underline{\quad} = 89$$

Additional hints:

$$B < 13 \quad B = A + 3$$

Show Work:

Solve:

$$? = \underline{\quad}$$

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 the 3 pictures in the correct order:



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



Draw 2 of these 3 pictures.
1 of those pictures is in the correct spot.

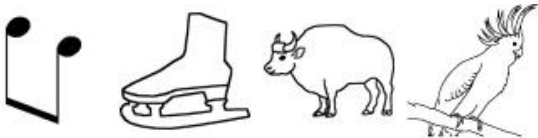
Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.



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.



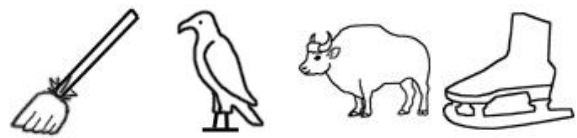
Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.



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

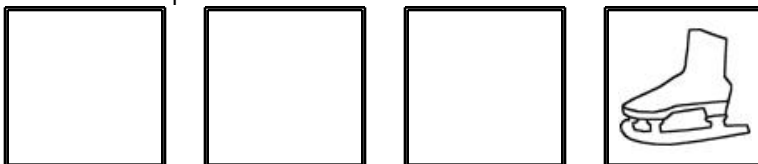


Draw 1 of these 4 pictures.
The picture IS in the correct spot.



Draw 2 of these 4 pictures.
The pictures to use are in the correct spot.

Draw the 4 pictures in the correct order:



Name: _____

Rachel, Taylor, Hannah, Zachary, and Connor have one of the following jobs: banker, writer, librarian, carpenter, and chemist. Their salaries are \$56,900, \$54,700, \$51,300, \$58,400, and \$62,800. Figure out the salary and job for each person.

1. Zachary is not a chemist or a librarian.
2. Rachel is not a writer or a librarian.
3. The writer earns more than the carpenter.
4. The librarian earns \$58,400.
5. The chemist earns \$54,700.
6. Connor is not a librarian or a carpenter.
7. The banker earns more than the carpenter.
8. The banker does not earn \$58,400.
9. Hannah is not a librarian or a writer.
10. Connor is not a chemist or a banker.
11. The librarian earns more than the banker.
12. The carpenter does not earn \$54,700.
13. The writer earns \$62,800.
14. The writer earns more than the banker.
15. Rachel is not a carpenter or a chemist.
16. The writer earns more than the chemist.

Zachary is the _____ and has a salary of _____.

Hannah is the _____ and has a salary of _____.

Rachel is the _____ and has a salary of _____.

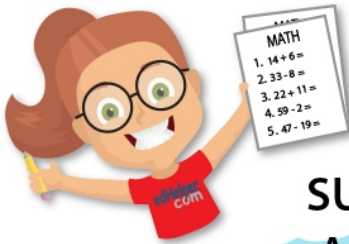
Taylor is the _____ and has a salary of _____.

Connor is the _____ and has a salary of _____.

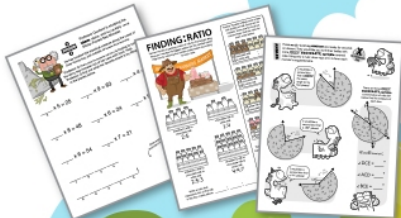
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\times $=$ $-$ \div $<$ $>$

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