

Name: \_\_\_\_\_

Complete each pattern. Write what the rule is.

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

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

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

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

Complete each pattern. Write what the rule is.

144	132	120
108		84
72		48
36		12

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Cross off the number that does NOT belong.

2, 8, 17, 68, 77, 308, 317, 1268, 1276, 1277, 5108

Why does \_\_\_\_\_ not belong in the pattern?

Cross off the number that does NOT belong. Hint: Look at movement of digits!

76538, 87653, 38765, 53876, 87653, 65387, 76538, 87653,  
38765, 53876, 65387, 76538, 87653, 38765, 53876

Why does \_\_\_\_\_ not belong in the pattern?

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Justin was looking on the Internet for information about dinosaurs. The search engine brought up 18 pages of web sites. If there were 14 web sites on each page, how many web sites were there in all?

The perimeter of the board game "Complimentary Tickets" is 68 inches. Its width is 17 inches. What is its length?

Mr. Anderson 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 26 legs. That's a lot of legs! How many ants does he have?

Sally bought a kit to make fidgets. The box says that you can make up to 36 fidgets. Sally tried to make one. It took her 50 seconds to make. How many fidgets can she make in an hour? Assume she takes a 10-second break after making each fidget.

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triple 50 =

How many total legs are on 9 zebras?

$$35 \div \underline{\quad} = 7$$

$$\underline{\quad} \div 10 = 8$$

The number 74 is more than the number 9 by how much?

Name the shape with three sides and three angles.

100, \_\_\_\_\_, 110, 115, 120,  
125, 130, 135, 140

A rectangle is 30 cm on one side and 11 cm on another side. What is the perimeter?

$$6 - 2 + 8 + 6$$

$\frac{1}{4}$ ,  $\frac{1}{2}$ , (1), (2), (4),  
(8), (16), \_\_\_\_\_,  
(64)

33 is a multiple  
of 3 and 11.

12 is a multiple  
of \_\_\_\_\_ and \_\_\_\_\_.

35 is a multiple  
of \_\_\_\_\_ and \_\_\_\_\_.

Know how many inches in a foot? Okay, smarty pants, how many inches in 5 feet?

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<p>Alex has an appointment with his doctor at 3:00 p.m. He has to get a physical so he can play football. It is 1:20 p.m. now and it will take him 38 minutes to get to the doctor's office. How long can he play a video game before he has to leave to get to the appointment on time?</p>	<p>Maria had 79¢ to spend on erasers. She bought several erasers at the same price and had 19¢ left over. How many erasers did Maria buy if each eraser cost 12¢?</p>	<p>Peter didn't have much to do. It was Quiet Day and he hated being quiet. He decided to draw. First he drew a rectangle with a perimeter of 21 inches. Then he drew 2 circles inside it. The circles had a diameter of 3 inches. The rectangle was 5 inches long. How wide was it?</p>
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<p>How many inches are in 6 feet?</p> <p>_____ inches</p>	<p><math>8 \times 4 =</math></p>	$\begin{array}{r} 54 \\ - 44 \\ \hline \end{array}$
---	----------------------------------	---

$\begin{array}{r} 572 \\ - 397 \\ \hline \end{array}$	<p>If you multiply <math>318 \times 837</math>, you will have a number that is how much bigger than <math>159 \times 279</math>?</p> <p>It will be three times as big.</p> <p>It will be six times as big.</p> <p>It will be twice as big.</p> <p>It will be eight times as big.</p> <p>It will be five times as big.</p>	$\begin{array}{r} 275 \\ + 499 \\ \hline \end{array}$
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<p>Insert punctuation marks into this sentence.</p> <p>Mrs. Ethelmeyer told her class how proud she was that they all passed the spelling test.</p>	<p>Add the correct end punctuation for this sentence.</p> <p>Do your grandparents live in your town</p>
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$72 \div 6 =$	$\begin{array}{r} 26 \\ + 32 \\ \hline \end{array}$	<p>Write a letter that has two or more lines of symmetry.</p> <p>_____</p>
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<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>Can 692 be evenly divided by 3? Circle:</p> <p>692 is evenly divisible by 3</p> <p>692 is NOT evenly divisible by 3</p>
--	--

<p>Write 9,395,377 in words.</p> <p>_____</p>	<p>23 kg = _____ g</p>
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<p>Ten kids and two adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is \$90. How much is one kids ticket? How much is one adult ticket?</p>	<p>1 cm = 10 mm</p> <p>16 cm = _____ mm</p>
--	---

<p>Jessica wants Anna to guess a two digit number. She tells Anna that her number has two different digits. The digits are 9 and 3. Anna thinks. She then guesses the number 39. What are the chances that Anna has guessed correctly?</p>	<p>What time is 16 hours after 4:00 p.m.?</p> <p>_____</p>
	<p><math>7 \times 8 =</math></p>



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Jessica will win if a random number pulled out of a box is an even number. 23 pieces of paper, numbered 1 to 23, are put inside a box. What is the chance that Jessica will win?

Write an equation to represent this:

The sum of six and seven is thirteen.

$$54 \div 9 =$$

$$32 \div 8 =$$

$$8 \times 3 =$$

Erin wrote down a fraction on a piece of paper. If you take her fraction and multiply it by eight you get eleven. Can you guess what her fraction is?

Circle the addition property for  $79 + 42 = 42 + 79$ .

associative property  
commutative property

Which is the smallest?

$$29.2 \div 3.1 \quad 29.2 \div 3.2 \quad 29.2 \div 3.3$$

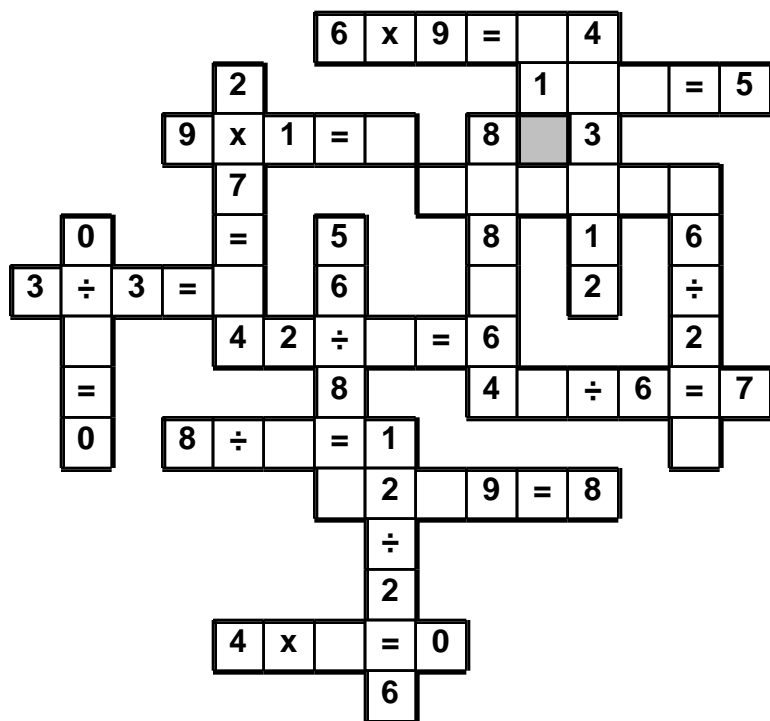
Amanda wants to call Maria. Maria is on vacation in Asia. It is a time difference of twelve hours. Maria's time is always later than Amanda's time. If it is 5:51 P.M. where Amanda lives, then what time is it where Maria is?



Name: \_\_\_\_\_

5 • x • 5 • 9 • 3 • x • 7 • = • 2 • 1 • 1 • = • 5 • 7 • 2 • 8  
8 • 7 • ÷ • 0

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



For 2,674,865,918,798,754, write the digit that is in the ten thousands place.

\_\_\_\_\_

Circle the smallest number:

180,569,234,772

3,725

8,495,601

97,083,164

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

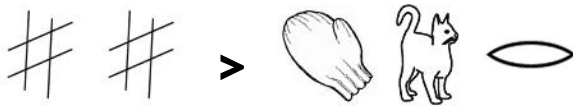
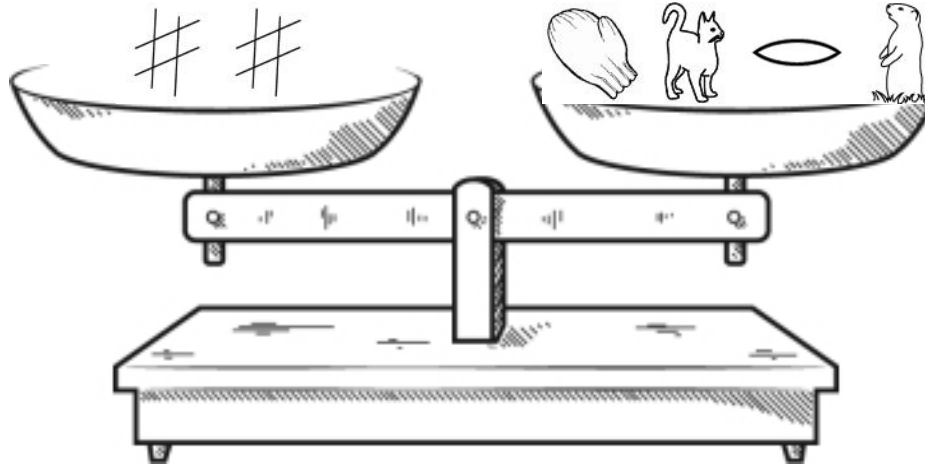
Write a letter that has a line of symmetry.

\_\_\_\_\_



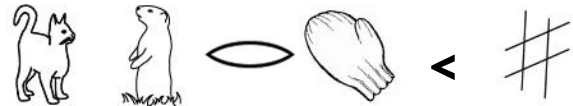


Name: \_\_\_\_\_



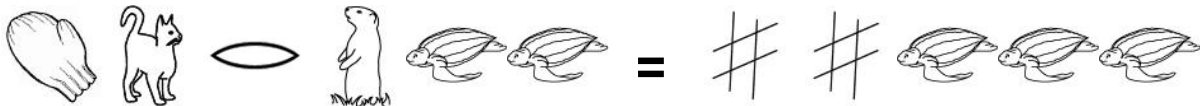
☐ True

☐ False



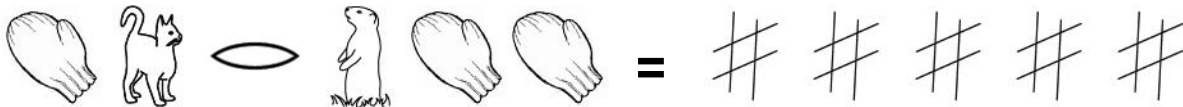
☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False

Did you find that two are true? If not, look again!  
You should only mark TRUE if you are absolutely sure it is correct!

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Simplify each fraction. Draw lines between equal fractions.

$$\frac{9}{27}$$

•

•

$$\frac{8}{20}$$

$$\frac{2}{5}$$

•

•

$$\frac{7}{77}$$

$$\frac{5}{55}$$

•

•

$$\frac{20}{25}$$

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

•

•

$$\frac{4}{5}$$

$$\begin{array}{r} 2,318 \\ \times \quad 8 \\ \hline \end{array}$$

Multiply 44 and 8.

$$\begin{array}{r} 49 \\ \times 17 \\ \hline \end{array}$$

There are 4 groups of 5 rocks. How many rocks?

Write the number that has exactly 6 millions.

Write the greatest possible 4-digit number using only 3 different numbers.

3, P, 3, P, 3, P, 3, P, 3,  
P, \_\_\_\_\_, P, 3, P

49, 56, 63, 70, 77, 84,  
91, \_\_\_\_\_, 105, 112

What is the sum of 10 and 689?

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Find the way from START to END by passing through EVERY number that is a multiple of nine exactly ONCE. Cross off each box that is NOT a multiple of nine. Yes, that means you have to go through ALL the multiple of nine boxes. Wow! You are not allowed to go diagonally. Good luck!

START	522	549	846	234	360	954	963	540	149
630	738	512	567	297	747	774	819	702	108
459	441	54	743	90	270	25	387	45	216
432	666	495	288	927	666	801	612	162	756
891	81	962	720	261	225	238	195	18	504
162	558	351	540	84	344	663	418	90	117
675	297	90	783	75	536	743	484	108	252
621	148	491	819	138	156	817	81	63	750
63	504	342	306	422	708	724	612	171	279
828	486	738	405	806	823	445	383	424	END

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Write as a decimal.

$$4 \frac{9}{100}$$

Write as a decimal.  
Thirty-four hundredths

Write as a decimal.  
Fourteen and forty-three hundredths

Use >, <, or = to complete.

$$199 \text{ \_\_\_ } 194.85$$

$$22.5 \text{ \_\_\_ } 22.79$$

$$23.5 \text{ \_\_\_ } 23.49$$

$$25.570 \text{ \_\_\_ } 25.57$$

$$190.39 \text{ \_\_\_ } 194$$

$$185.9 \text{ \_\_\_ } 183$$

$$198.5 \text{ \_\_\_ } 203$$

Use >, <, or = to complete.

$$215 \text{ \_\_\_ } 210.87$$

$$4.22 \text{ \_\_\_ } 4.220$$

$$401 \text{ \_\_\_ } 403.6$$

$$11.4 \text{ \_\_\_ } 11.82$$

$$4.54 \text{ \_\_\_ } 4.7$$

$$346.19 \text{ \_\_\_ } 345$$

$$381 \text{ \_\_\_ } 385.42$$

Write as a decimal.

$$\frac{4}{100}$$

$$\begin{array}{r} 0.6 \\ - 0.46 \\ \hline \end{array}$$

$$\begin{array}{r} 0.9 \\ - 0.7 \\ \hline \end{array}$$

$$\begin{array}{r} 0.73 \\ - 0.226 \\ \hline \end{array}$$

$$3 \overline{) 1.8}$$

$$\begin{array}{r} 4.3 \\ \times 2 \\ \hline \end{array}$$

Change  $\frac{43}{100}$  to a decimal.

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$59\frac{1}{12}$	$-\frac{1}{3}$		$+41$		$+1$	
						$-8\frac{2}{12}$

	$+38$	$75\frac{11}{12}$	$+\frac{1}{3}$		$-17$	
--	-------	-------------------	----------------	--	-------	--

$+3\frac{2}{3}$
-----------------

	$+\frac{4}{12}$		$+\frac{8}{12}$		$+6$		$+14$	$138\frac{7}{12}$
--	-----------------	--	-----------------	--	------	--	-------	-------------------

$75$	$+59$	
------	-------	--

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

	$+2\frac{2}{3}$	
--	-----------------	--

$+35$	
-------	--

--	--

$-\frac{5}{9}$		$-19$	$151\frac{4}{9}$	$-\frac{2}{9}$
----------------	--	-------	------------------	----------------

	$+1\frac{1}{3}$		$+52$	
--	-----------------	--	-------	--

$-6$		$-16$
------	--	-------

$151\frac{4}{9}$		$182\frac{7}{9}$
------------------	--	------------------

$+\frac{2}{9}$	$+\frac{1}{3}$	$+8\frac{1}{3}$
----------------	----------------	-----------------

--	--	--

$+7$		$+23$	$221\frac{4}{9}$
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Add the correct end punctuation for this sentence.



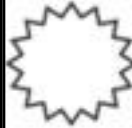









May I please have some candy

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Each row, column, and box must have the numbers 1 through 6. The first box is done.

5	3	2		4	
1	4	6			
6	2		3		
		1			
				1	
2					5

Each row, column, and box must have 6 different pictures.

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### Sudoku Sums of 14

Each row, column, and box must have the numbers 1 through 9.  
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 14.

Here is an example of a sudoku sum of 14:

6	8
---	---

5			3			4		
				7	5			2
				4		9	3	
		3		2	8			
7			5					8
		6						7
	3							
1		5					4	
	2	9		6			1	3

$12 \times 6 =$

Write a 3-digit even number.

The number 83 is more than the number 6 by how much?

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Each row, column, and box must have the numbers 1 through 9.

		5	7				8	
					4		1	
		7						4
5	1	4	8			9	3	
	2				3			5
	6			8	9	2		
			2		5		4	
		9	1					

At 3 p.m. today, Jessica will not be able to use her electronics for 2 hours. At what time will she be able to resume using her phone?

In the equation  $34 \times 445 = 15,130$ , which number is the product?

$$19 + \underline{\quad} + 23 = 54$$

Put these adjectives in the correct order.  
black round new

\_\_\_\_\_



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### What's in the Box?

Read the words on the left then match the letters with the correct synonyms in the clues.  
Put the clues together and solve the mystery of what is in the box.

A =rigid  
B =wild  
D =stare  
E =rich  
G =equip  
I =meddle  
L =pageant  
M =collect  
N =chair  
O =pastime  
R =injury  
S =sprinkle  
T =squall  
U =currency  
V =level

Clue 1: unruly money intrude parade peer fertile wound

  b     u   \_\_\_\_\_

Clue 2: storm wound fertile fertile drizzle

\_\_\_\_\_

Clue 3: peer stiff hoard drizzle

\_\_\_\_\_

Clue 4: wound intrude flat fertile wound

\_\_\_\_\_

Clue 5: wound hobby peer fertile seat storm

\_\_\_\_\_

### What's in the Box? \_\_\_\_\_

Write the reciprocal.

$$\frac{7}{4}$$

Write the reciprocal.

$$6$$

Write the reciprocal.

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

$$12 \times 7 =$$

$$\underline{\hspace{1cm}} \div 7 = 8$$

$$21 \div 3 =$$

Circle the correctly spelled word.  
The (elevator/elavator) rose  
slowly to the top floor.

$$(9 + 4) + 5 =$$



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