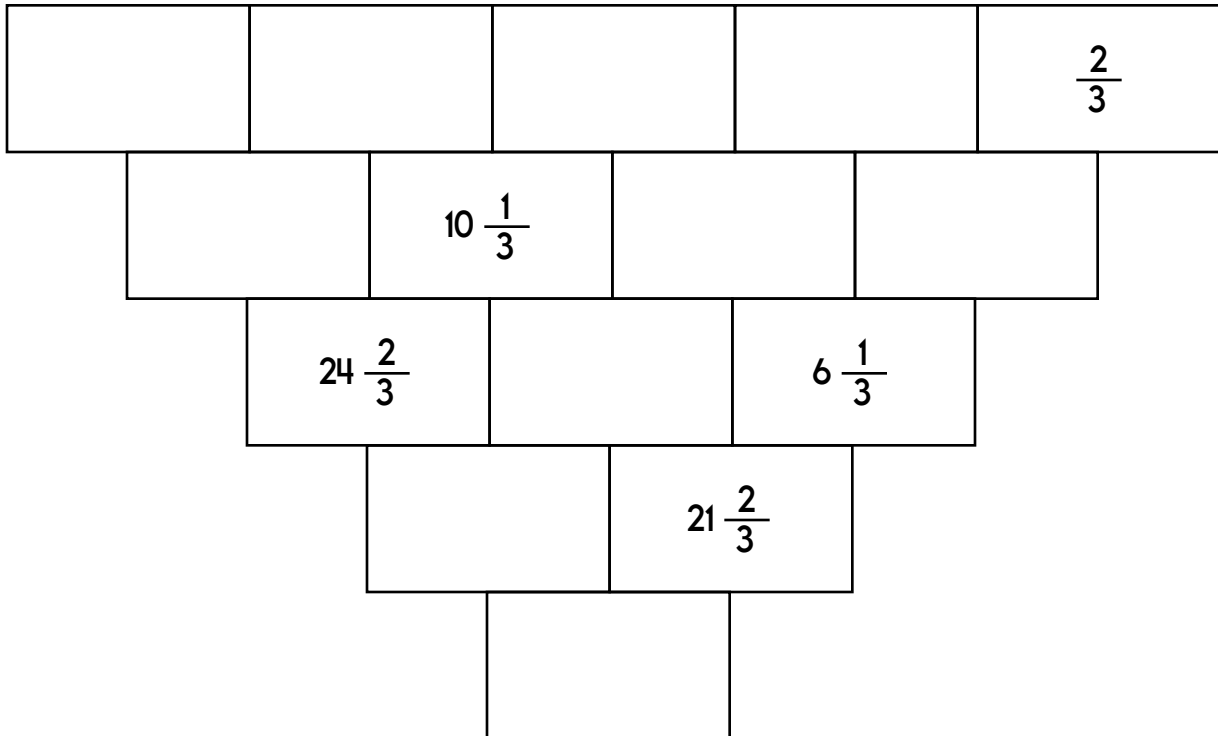
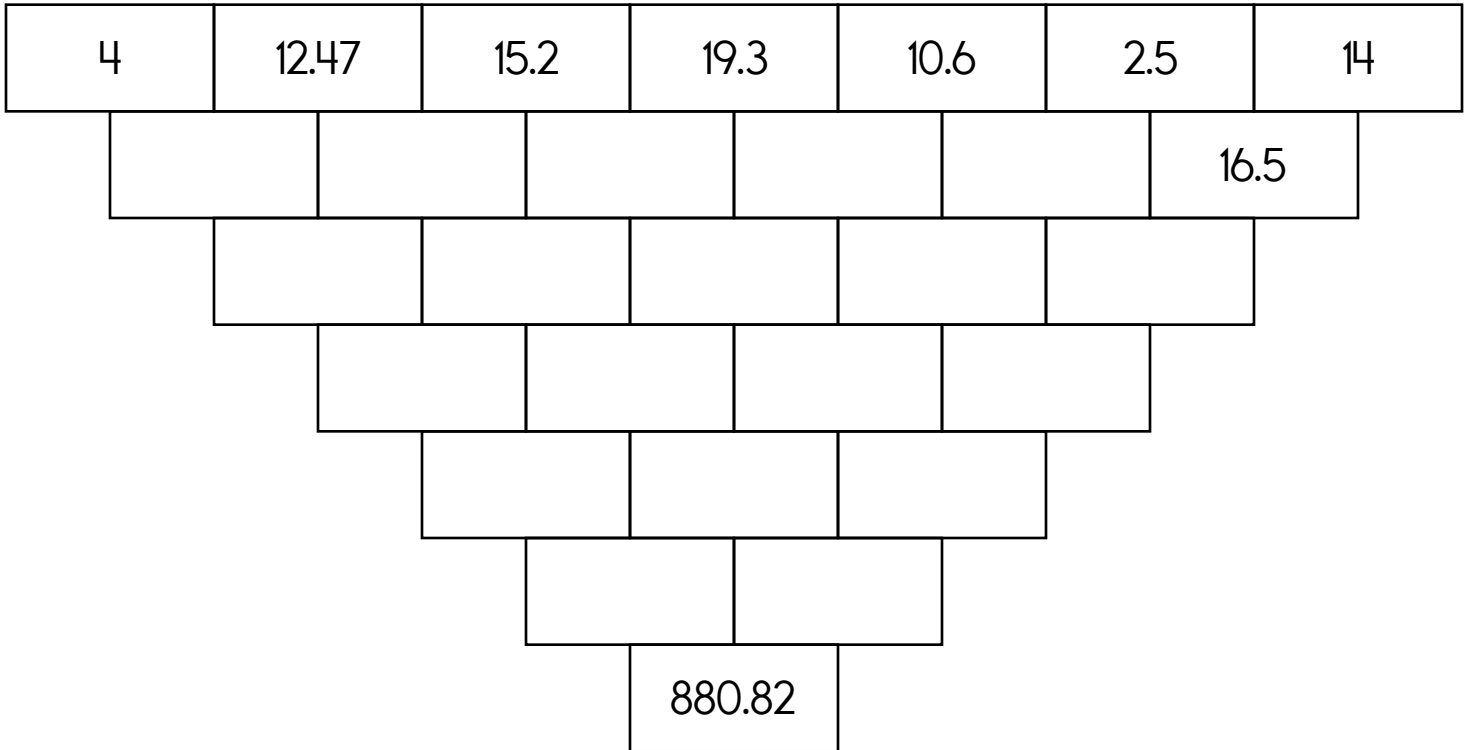


Name: \_\_\_\_\_

The block below is the sum of the two blocks above. Fill in the missing blocks.



How many pounds are in 80 ounces?  
\_\_\_\_\_ pounds



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

Find the way from START to END by passing through EVERY number that is a multiple of thirteen exactly ONCE. Cross off each box that is NOT a multiple of thirteen. Yes, that means you have to go through ALL the multiple of thirteen boxes. Wow!

You are not allowed to go diagonally. Good luck!

START	618	884	559	676	702	286	299	0	143
117	455	338	0	715	650	416	598	611	936
710	845	156	169	715	546	481	78	286	689
288	13	325	507	832	182	975	949	65	962
467	302	676	728	832	897	286	13	728	65
750	385	299	117	754	780	975	507	405	273
889	460	0	39	656	429	117	278	286	819
349	911	910	390	939	78	520	473	507	208
616	340	221	520	370	598	611	830	654	988
891	79	949	962	156	429	182	809	470	END

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

According to the polar bear census taken in the Alaskan Native Wildlife Refuge, there were 35 polar bears born last month. Of that number, 28 were female and the rest were male. What is the ratio of females to males? (Express your answer as a fraction in lowest terms.)

Hunter was getting a new carpet for his room. He was happy because his parents let him have just the color he wanted — bright red! His room was made up of two rectangles. The first one was 6.2 feet long and 8 feet wide. The other rectangle was 12 feet long and 13.7 feet wide. How many square yards of carpet will be needed? (Hint: 9 square feet = 1 square yard)

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 38 seconds to make. How many fidgets can she make in an hour? Assume she takes a 10-second break after making each fidget.

What is the missing fraction?

$$\frac{3}{5} + ? = 1\frac{2}{5}$$



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

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

Find the GCF using the Birthday Cake method.



4	32 44	5	45 40
	8 11		
GCF: $4 = 4$		GCF: _____	

2	24 20	3	30 18	5	200 150
GCF: _____		GCF: _____		GCF: _____	

	85 35		66 30		48 36
GCF: _____		GCF: _____		GCF: _____	

	128 144		85 90
GCF: _____		GCF: _____	



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

Spin again.

I needed to spin \_\_\_\_\_ time(s) to finish.

Find the GCF using the Birthday Cake method.

5	45 50 35	8	72 64 40
	9 10 7		
GCF: $5 = 5$		GCF: _____	

2	12 14 20	3	18 21 30
GCF: _____		GCF: _____	

408 240 192	126 90 360
GCF: _____	GCF: _____

27 15 24	10 36 12
GCF: _____	GCF: _____

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

<p>Gavin's father is a police officer. He works from 8:30 a.m. until 3:15 p.m. for four days each week. How long does Gavin's father work in a week?</p>	<p>Time and again Ms. Smith visited the museum. Tuesday she arrived at the museum at 1:39 p.m. She spent 1 hour and 31 minutes looking at the exhibits, 13 minutes in the gift shop, and 50 minutes in the teahouse before she left. What time did Ms. Smith leave the museum?</p>	<p>The Butterfly Club printed 465 copies of a booklet about butterflies for the new garden. There are 6 pages of pictures and 4 pages of type in the booklet. Each page is printed on <math>\frac{1}{2}</math> sheet of paper. How many sheets of paper were used for all 465 booklets?</p>
--	--	---

<p>Rose invented a robot. The robot's name is Eric. Eric can go a maximum speed of 3 mph. At that rate, how long would it take Eric to go 10 miles?</p>	<p>Can 273 be evenly divided by 11? Circle: 273 is evenly divisible by 11 273 is NOT evenly divisible by 11</p>
---	---

<p>11 lb = _____ oz</p>	<p>Which is the largest? <math>66.8 \div 8.4</math>    <math>66.8 \div 8.6</math>    <math>66.8 \div 8.5</math></p>	$\begin{array}{r} 84 \\ - 17 \\ \hline \end{array}$
<p><math>7 \times 9 =</math></p>		

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

<p>Write an equation to represent this:</p> <p>The product of four and eleven is forty-four.</p> <p>_____</p>	$\begin{array}{r} 289 \\ + 247 \\ \hline \end{array}$	<p>1 km = 1,000 m</p> <p>25 km = _____ m</p>
---	---	--

<p>Mary was given four numbers: 6, 5, 9, and 4. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than three-fourths?</p>	<p>Circle the smallest number:</p> <p style="text-align: center;">372,894 2,587,413,609 64,738 106,512,590</p>	$\begin{array}{r} 433 \\ - 242 \\ \hline \end{array}$
<p>Circle the addition property for <math>60 + 116 = 116 + 60</math>.</p> <p style="text-align: center;">associative property commutative property</p>		

<p>Can 930 be evenly divided by 6? Circle:</p> <p>930 is evenly divisible by 6 930 is NOT evenly divisible by 6</p>	$48 \div 8 =$	$\begin{array}{r} 22 \\ + 42 \\ \hline \end{array}$
---	---------------	---

<p>Write a letter that has a line of symmetry.</p> <p>_____</p>	<p>Can 594 be evenly divided by 9? Circle:</p> <p>594 is NOT evenly divisible by 9 594 is evenly divisible by 9</p>
<p><math>11 \times 7 =</math></p>	



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

Jenna is making up her own calendar. The first month of her weird calendar is called Gaffy. To make matters worse, she is giving Gaffy a total of forty-four days. What is the greatest number of Thursdays that can occur during Gaffy? Show the month of Gaffy.

$$24 \div 6 =$$

$$12 \times 6 =$$



What time is 14 hours after 5:00 a.m.?

\_\_\_\_\_

For 9,006,155,022,279,430, write the digit that is in the hundred thousands place.

\_\_\_\_\_

Erin is getting messy. She has made a 3' x 1' x 2' cube made out of clay blocks. She wants her art project to have at least a surface area of 29 square feet. Does she need to add more clay?

Circle the digit in the tenths place.

382.19

$$60 \div 12 =$$

Kevin invented a robotic bug. The bug can crawl four centimeters in twenty-three seconds. How long would it take the bug to crawl thirty-six centimeters?

Add the correct end punctuation for this sentence.

Have you seen the new drive-in movie

Circle the preposition(s) in the sentence.

I arranged to meet Ali at the bookstore.



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

2 • 4 • 1 • 6 • 2 • 1 • 1 • x • 7 • 6 • ÷ • = • 2 • 6 • 3 • 1 • 4  
÷ • 2 • ÷

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

The puzzle grid contains the following numbers and symbols in its cells:

- Top row: 1, x, =, 2
- Row below: ÷
- Row below: 4, x, 4, =, 6
- Row below: 3, =
- Row below: =
- Row below: 3, x, =, 3, 7
- Row below: 8, x, =, 5, 6
- Row below: 7, 0, 2, 2, x
- Row below: =, 9, x, 8, 7
- Row below: 8, x, 9, =, 7, 2, 8, =
- Row below: =, 9, x, 4, =, 6
- Row below: 0
- Row below: 5, 3
- Row below: =
- Row below: 1, ÷, 3, =, 7
- Row below: 0, x
- Row below: 0
- Row below: 4, 9, 7, =, 7
- Row below: 0

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

\_\_\_\_\_

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

three hundred eleven thousand, three hundred seventy-six

\_\_\_\_\_



Circle the relative adverb.

how, because, threw, through, why

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

$$7 \overline{) 1281}$$

$$6 \overline{) 18504}$$

$$8 \overline{) 33448}$$

$$5 \overline{) 12470}$$

$$9 \overline{) 1224}$$

$$3 \overline{) 272610}$$

Round 80,241 to the nearest hundred.

How many minutes is it from 9:00 a.m. to 11:30 a.m.?

It was 2 degrees above zero in the morning. By afternoon the temperature rose 15 degrees. How warm was it?

$$45 \div 9 \times 8$$

What is the area of a rectangle with sides 4 cm and 10 cm?

Yummy Donuts gave three dozen chocolate donuts and four dozen jelly donuts to the school. How many donuts did they give?

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

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

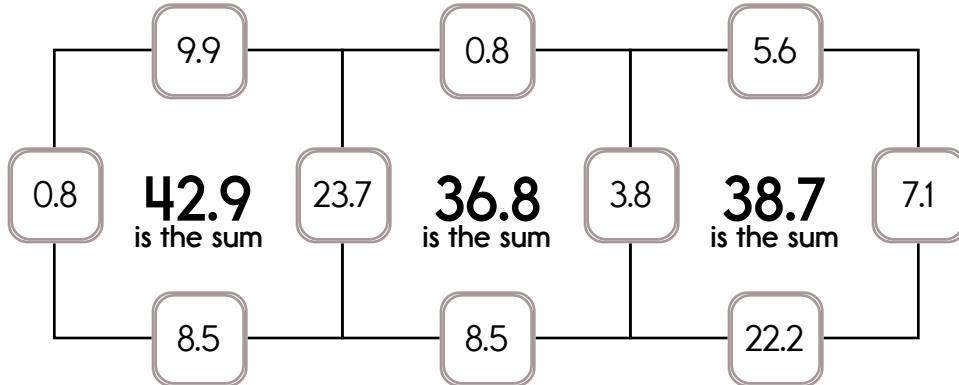
Example:

$$0.8 + 23.7 + 9.9 + 8.5 = 42.9$$

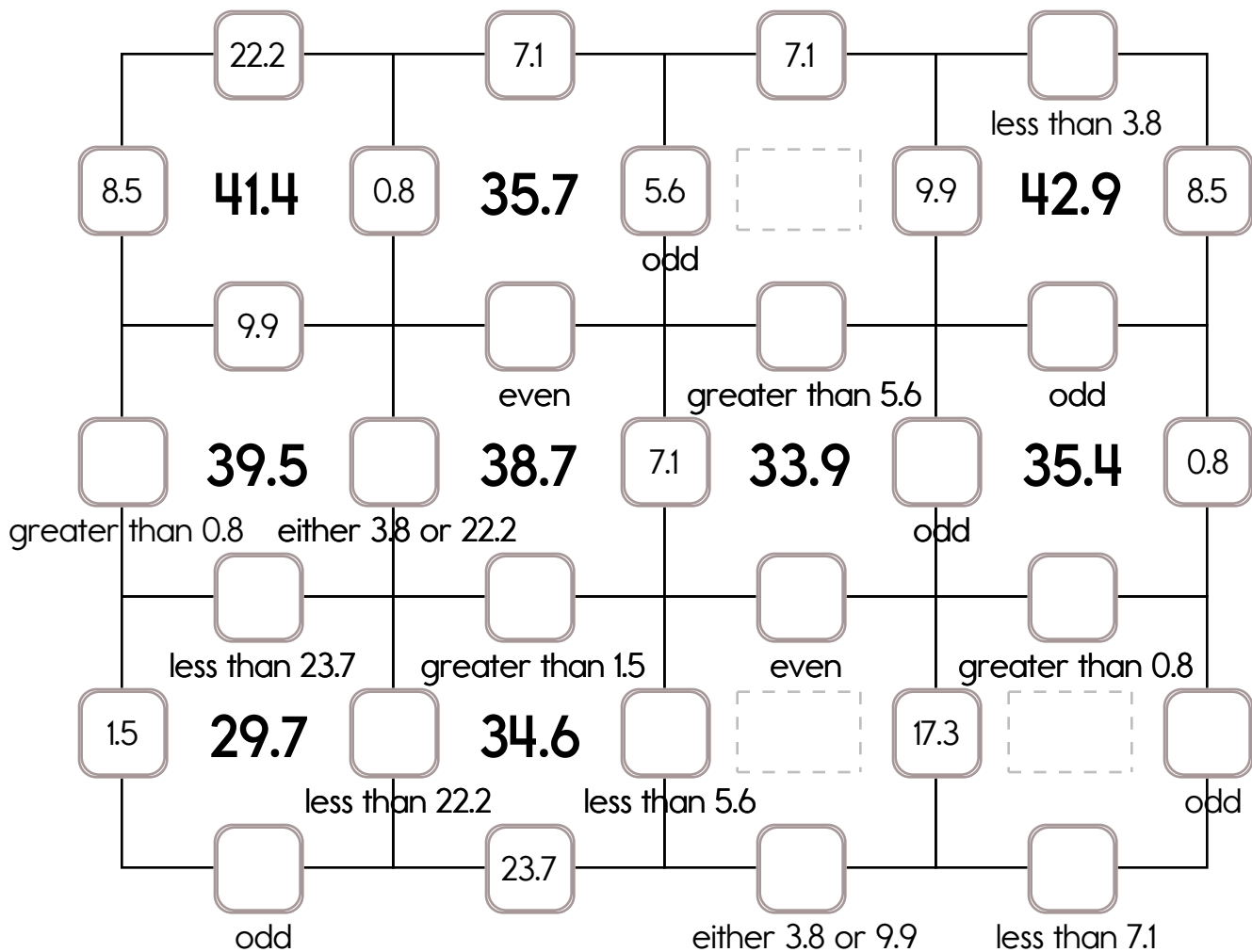
Example:

$$3.8 + 7.1 + 5.6 + 22.2 = 38.7$$

Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 17.3, 23.7, or 22.2. The other three numbers have to all be DIFFERENT and must be from these: 7.1, 3.8, 5.6, 9.9, 0.8, 1.5, or 8.5.



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

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 26.9, 25.5, or 20.6. The other three numbers have to all be DIFFERENT and must be from these: 1.5, 9.7, 4.2, 5.9, 3.9, 0.1, or 7.2.

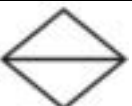




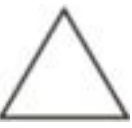

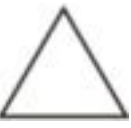



	0.1		9.7		26.9		26.9	
			either 9.7 or 7.2					
3.9	<b>32.4</b>	26.9	<b>49.7</b>	5.9	<b>46.7</b>			7.2
						even		
	1.5							
			odd		odd		either 9.7 or 20.6	
26.9	<b>32.4</b>		<b>31.8</b>	0.1	<b>36.8</b>		<b>43.3</b>	3.9
		odd			less than 26.9			
	even		less than 25.5		greater than 0.1		either 4.2 or 9.7	
25.5	<b>38.7</b>		<b>41.4</b>		<b>33.2</b>		<b>41.7</b>	
		either 0.1 or 7.2	greater than 1.5		less than 25.5			
	odd				either 3.9 or 7.2		odd	
	<b>38.7</b>		<b>39.5</b>		<b>46.6</b>		<b>43.9</b>	
		even	either 7.2 or 4.2		odd		either 3.9 or 9.7	
	greater than 20.6		either 25.5 or 7.2		odd		odd	
	<b>46.6</b>		<b>35.1</b>					
	greater than 4.2		less than 9.7			less than 25.5		odd
	odd		either 1.5 or 0.1		greater than 7.2		odd	

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

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

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

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

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

### Sudoku Sums of 13

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 13.

Here is an example of a sudoku sum of 13:

6	7
---	---

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

Write the reciprocal.

$$\frac{17}{16}$$

Write the reciprocal.

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

Write the reciprocal.

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

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

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

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

$$3 + 11 + 3$$

It was 95 degrees outside.  
What would the temperature be if it got 26 degrees colder?

What is the area of a rectangle with sides 5 cm and 8 cm?

Circle the word that best completes the sentence.

I hope to see you (their/there).

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





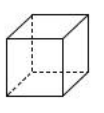

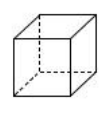
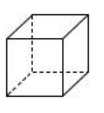

migrashun, migration  
agriculture, agriculchure  
extravagant, extravagent

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

Figure out how many gold medals France, China, and Germany received.

1. The three countries won a total of sixteen gold medals.
2. France won five more gold medals than one-half the number of gold medals won by Germany.
3. France won four times as many gold medals as China.
4. If Germany won four fewer gold medals, they would have won the same number of gold medals as China.


Puzzle:


			70
			378
			180
378	72	175	<b>X</b>


Work Area:


			70
			378
			180
378	72	175	<b>X</b>


The product for each column and row is given. Blanks use numbers 2 to 9 only.

 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_



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

Cross off the number that does NOT belong.

$$\frac{1}{6561}, \frac{1}{729}, \frac{1}{81}, \frac{1}{9}, (1),$$

$$(9), (81), (557),$$

$$(729), (6,561), (59,049)$$

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

Cross off the number that does NOT belong.

12, 16, 23, 33, 46, 62, 81, 103, 113, 128, 156, 187, 221, 258

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

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

What is the rule for each pattern?

46, 46, 61, 57, \_\_\_\_\_, \_\_\_\_\_, 91, 79, 106, 90, 121, 101

26, 26, 36, 39, 46, 52, \_\_\_\_\_, 65, 66, 78, 76, 91

25, 25, 29, 30, 33, 35, 37, 40, \_\_\_\_\_, \_\_\_\_\_, 45, 50

Complete each pattern. Write what the rule is. HINT: The first three numbers in each pattern are random numbers.

6, 18, 8, 32, 58, 98, 188, 344, 630, 1162, 2136, 3928, \_\_\_\_\_, \_\_\_\_\_

9, 23, 4, 36, 63, 103, 202, 368, 673, 1243, 2284, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

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

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

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

(25), (5), (1),  $\frac{1}{5}$ ,  
 $\frac{1}{25}$ , \_\_\_\_\_,  $\frac{1}{625}$ ,  $\frac{1}{3125}$

How many centimeters in  
480.8 meters?

How much time is it from  
8:00 a.m. to 10:50 a.m.?

Insert a comma in the correct place in  
this sentence.

No I don't want to sit in time out.

In the number 161,965, the digit 9 is in what  
place?

\_\_\_\_\_

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

Find the missing numbers. These both have the same rule. What is the rule?

If

$1, 6 = 7$

$2, 11 = 13$

$3, 15 = 18$

$4, 18 = 22$

Then

$5, 22 = ?$

If

$8, 3 = 11$

$9, 8 = 17$

$10, 11 = 21$

$11, 14 = 25$

Then

$12, 17 = ?$

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

*72737, 73772, 77273, 27377, 37727, \_\_\_\_\_, \_\_\_\_\_,*

*77273, 27377, 37727, 72737, 73772, 77273, 27377*

*417449, 744941, 494174, 417449, 744941, 494174, 417449,*

*\_\_\_\_\_, \_\_\_\_\_, 417449, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 417449, 744941*

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

Morgan, Sarah, Tyler, and Brandon each went on vacation with their father (Joseph, Samuel, Connor, and Ethan). They each traveled to a different country (Germany, Peru, Estonia, and Belgium).

Figure out each person's father and the country they visited.

1. Sarah went to either Germany or Belgium.
2. Tyler's trip was to a different continent than Samuel's trip.
3. Brandon went to either South America or Europe.
4. Brandon went to either Peru or Germany.
5. Morgan's trip was to a different continent than Samuel's trip.
6. Sarah did not go to Germany.
7. Before the vacation, Sarah and Brandon saw Morgan's dad, Joseph, at the mall.
8. Tyler went to either Belgium or Germany.
9. Brandon's trip was to a different continent than either Ethan's or Joseph's trip.
10. Tyler did not go to Peru.
11. Before the vacation, Sarah and Brandon saw Tyler's dad, Ethan, at the mall.
12. Joseph went to either Europe or South America.
13. Joseph and Connor went on vacation to the same continent.
14. Samuel did not go to Belgium.

Morgan's father's name is \_\_\_\_\_. They went on vacation to \_\_\_\_\_.

Sarah's father's name is \_\_\_\_\_. They went on vacation to \_\_\_\_\_.

Tyler's father's name is \_\_\_\_\_. They went on vacation to \_\_\_\_\_.

Brandon's father's name is \_\_\_\_\_. They went on vacation to \_\_\_\_\_.

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

Cross off the letter that does NOT belong.

g, e, g, e, g, g, e, g, e, g, e, g, e, g

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

Cross off the number that does NOT belong.

$4\frac{4}{8}$  ,  $4\frac{2}{8}$  , 4,  $3\frac{6}{8}$  ,  $3\frac{4}{8}$  ,  $3\frac{3}{8}$  ,  $3\frac{2}{8}$  , 3,  $2\frac{6}{8}$  ,  
 $2\frac{4}{8}$  ,  $2\frac{2}{8}$  , 2,  $1\frac{6}{8}$  ,  $1\frac{4}{8}$  ,  $1\frac{2}{8}$  , 1,  $\frac{6}{8}$  ,  $\frac{4}{8}$

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

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

Seven leprechauns (Jason, Natalie, Dylan, Cody, Rebecca, Sierra, and Connor) are each different heights (2 feet and 10 inches, 3 feet and 8 inches, 2 feet and 7 inches, 3 feet and 5 inches, 3 feet and 1 inch, 2 feet and 2 inches, and 2 feet and 3 inches).

Figure out how tall each leprechaun is.

1. Cody is not shorter than Sierra.
2. Sierra is taller than Connor.
3. Rebecca is the tallest leprechaun.
4. Jason is taller than both Cody and Sierra.
5. Natalie is not shorter than Cody.
6. Connor is shorter than Jason and shorter than Cody.
7. Dylan is taller than Jason.
8. Natalie is shorter than Dylan and taller than Sierra.
9. Jason is not shorter than Natalie.

Jason is \_\_\_\_\_ tall.

Natalie is \_\_\_\_\_ tall.

Dylan is \_\_\_\_\_ tall.

Cody is \_\_\_\_\_ tall.

Rebecca is \_\_\_\_\_ tall.

Sierra is \_\_\_\_\_ tall.

Connor is \_\_\_\_\_ tall.

90, \_\_\_\_\_, 100, 105, 110,  
115, 120

84 divided by 12 equals

What 3 coins add up to 12 cents?

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

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

Q F A P P L I C A T I O N S  
T U R D E S T I N A T I O N B  
H A E F L A G N I C K E L G E  
R R Q F C A L C U L A T E A A  
O R U I F L U T E D E W S N  
A I E N L C U T E D E S I G N  
T E N A E C O N D I T I O N  
S S T L D M U D B R O T H E R

Write the words found.

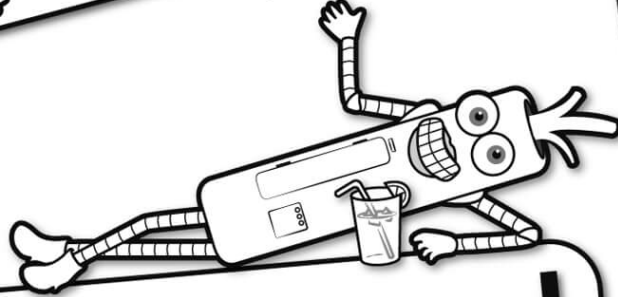
BROTHER	CONDITION	
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

<p>Which has the smallest answer? 341 x 330    356 x 330    348 x 330</p>	<p><math>(5 + 9) + 6 =</math></p>
	<p>Circle the preposition(s) in the sentence. At night I can hear squirrels running on the roof over my head.</p>
<p>How far do you think it is from your desk to your teacher's desk? Write an estimate of the distance you think it could be.</p>	<p>Kevin invented a robotic bug. The bug can crawl four centimeters in twenty-three seconds. How long would it take the bug to crawl thirty-eight centimeters?</p>



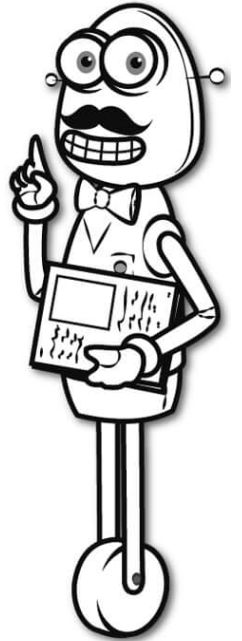


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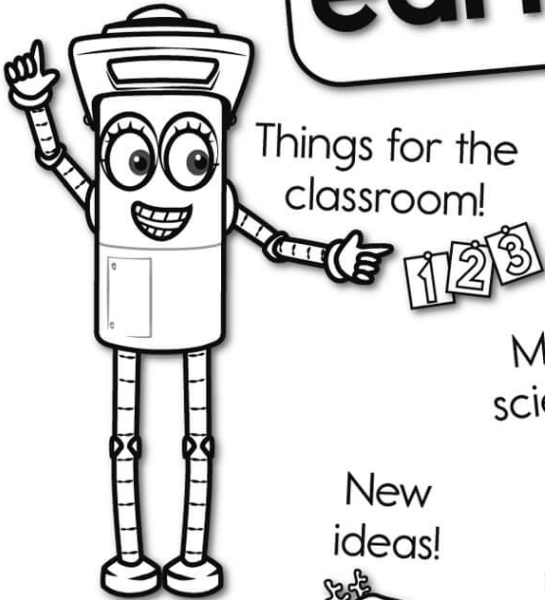


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More history!



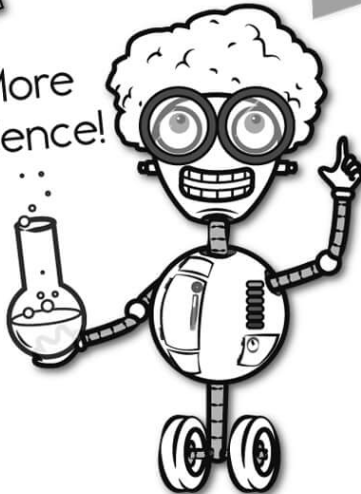
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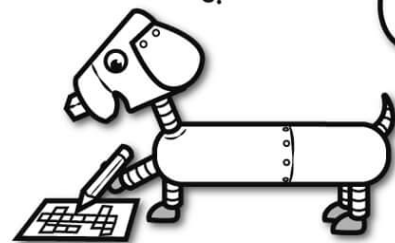
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