

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

Complete each pattern. Write what the rule is.

108	99	90
81	72	
54		36
27		9

What is the rule for each pattern?

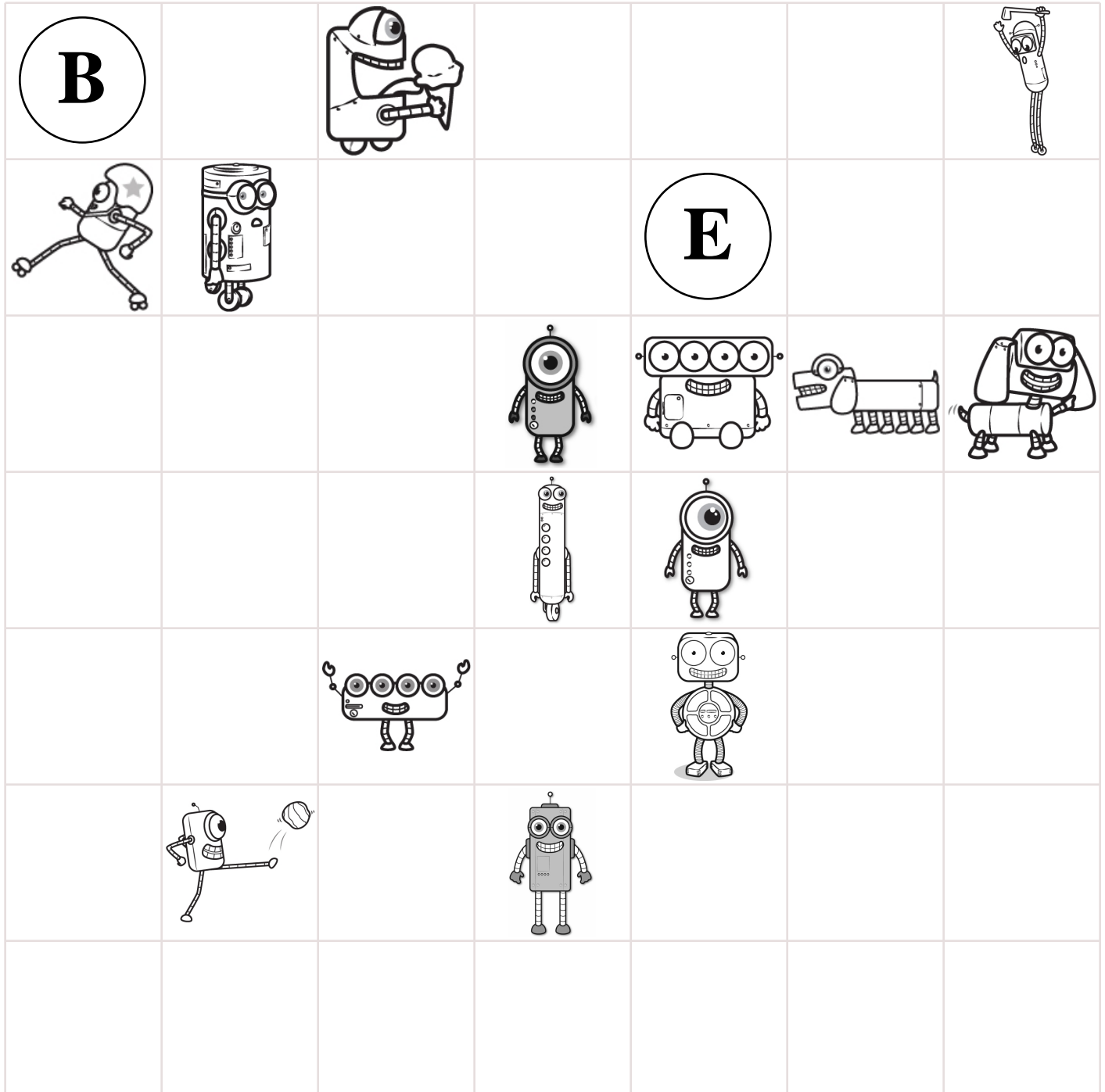
30, \_\_\_\_\_, \_\_\_\_\_, 61, 36, 74, 39, 87, 42, 100, 45, 113, 48

40, 46, 56, 51, 72, 56, 88, \_\_\_\_\_, \_\_\_\_\_, 66, 120, 71

9, 4, 19, 12, 29, 20, 39, 28, 49, 36, 59, \_\_\_\_\_, 69

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

Pick up all of the robots from the game board. Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a robot or the E circle. No stopping on an empty box.** Try to collect all the robots and end your last line on the **E** circle. You can go through a robot more than once.



Didn't get them all? That's ok. This was hard. I missed only \_\_\_\_\_ robot/robots.

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

When the swallows return to San Juan Capistrano, there will be more swallows in the town than there are people. According to the 2000 census, there are 33,286 people living in the city. Which digit is in the thousands place?

Our club marched in the Canada Day parade. We marched in 8 rows. Each row had 5 children in it. How many children from our club marched?

The digits in a 4-digit number add up to 5. The tens digit is 2. Can you name the number?  
Is there only one possible answer?

Hunter is taking a 24-hour walk challenge. He is trying to stay awake for 24 hours and plans to walk as far as he can. Each hour he plans to sit and rest for only 7 minutes. If he is able to do this, how long will he spend walking and not resting during the 24 hours?  
\_\_\_\_\_ hours and \_\_\_\_\_ minutes

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

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

32598, 25983, 59832, 98325, 83259, 32598, 25983, 59832,  
98325, 83259, 25983, 32598, 25983, 59832, 98325

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

Cross off the number that does NOT belong.

32, 37, 42, 49, 56, 65, 74, 85, 96, 109, 118, 122, 137, 152, 169, 186, 205

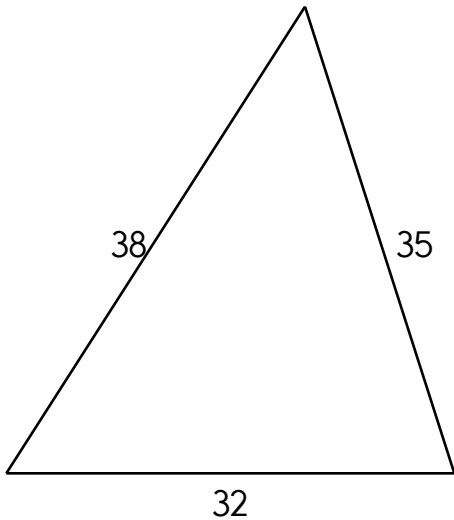
Why does \_\_\_\_\_ not belong in the pattern?

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

Jacob did not believe in bad luck. He broke 13 mirrors. He walked under 13 ladders. He stepped on 13 cracks in the sidewalk. He let 13 black cats walk in front of him. On his way home from school he found 13 dimes. How many more dimes does he need to have \$2.70 worth of dimes?

Each Thneed must be made by hand. If it takes two hours to make a Thneed, how many Thneeds can be knitted in 10 hours?

Mr. Brown needs 95 tortilla chips to prepare a nacho salad. A small bag has 21 chips in it. It costs \$1.18. A large bag has 106 chips in it and costs \$4.47. How much will he save if he buys the large bag?



The perimeter is \_\_\_\_\_.

Is 64 closer to 60 or 70?

\_\_\_\_\_

$$\begin{array}{r} 77 \\ + 83 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ + 74 \\ \hline \end{array}$$

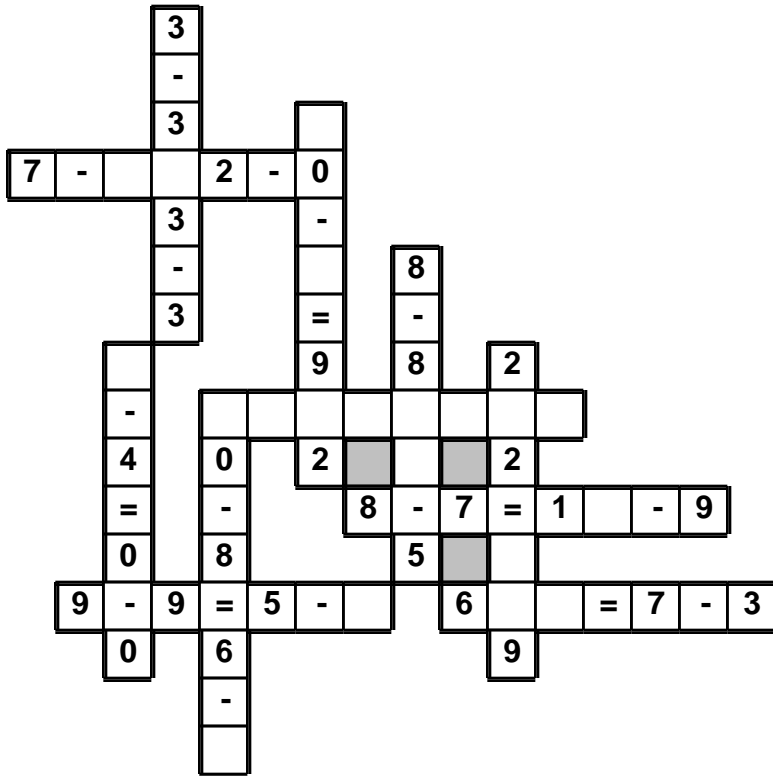
Which number is greater: 0.5 or 0.47?

\_\_\_\_\_

$$65 + 3 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 59 \\ + 54 \\ \hline \end{array}$$

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



A blank 10x10 grid for graphing. The grid consists of 10 columns and 10 rows of squares, with a thicker horizontal line separating the top 5 rows from the bottom 5 rows.

---

☐ sewt

☐ sought

☐ sougt

☐ suoht

---

$$\begin{array}{r} 80 \\ - 36 \\ \hline \end{array}$$

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

The vowels are missing in the word search.  
Fill in the missing vowels and circle the words.

	K		S	M		T		R		
	S	A	R	R	O	W		L	W	N
J		S	S		G	N				
		X	C		L	L		N	T	
G	W				N		M		L	
D			M		N	D		D	S	
M		N		C			K	S	H	
	N	S	T		T	C	H			
S	T		T			N	T	D	T	
	D	T	G	H			G	H	T	

DIAMOND • SAD • ANIMAL  
STITCH • HEIGHT • MATURE  
ASSIGN • STATUE • MENACE  
ARROW • JOG • HAT • EXCELLENT

How many feet are in three yards?

\_\_\_\_\_

Round the number to the  
place value of the BIG number.

45**3**,389,569

If you add 5 to me, the sum is  
67. What number am I?

\_\_\_\_\_

Which is longer: two feet or  
nineteen inches?

\_\_\_\_\_

Fill in the boxes so each line equals 9.

9		
10	-	
	x	9
	÷	2
(		-
)	+	8
6	+	
	x	

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

$$\begin{array}{r} 94,564 \\ + 31,684 \\ \hline \end{array}$$

$$\begin{array}{r} 90,606 \\ + 68,169 \\ \hline \end{array}$$

$$\begin{array}{r} 32,082 \\ + 88,920 \\ \hline \end{array}$$

$$\begin{array}{r} 108,697 \\ - 24,128 \\ \hline \end{array}$$

$$\begin{array}{r} 138,407 \\ - 71,218 \\ \hline \end{array}$$

$$\begin{array}{r} 162,676 \\ - 84,281 \\ \hline \end{array}$$

$$\begin{array}{r} 52,756 \\ + 95,451 \\ \hline \end{array}$$

$$\begin{array}{r} 96,380 \\ + 90,386 \\ \hline \end{array}$$

$$\begin{array}{r} 94,442 \\ - 13,353 \\ \hline \end{array}$$

$$\begin{array}{r} 76,667 \\ + 50,495 \\ \hline \end{array}$$

$$\begin{array}{r} 86,994 \\ - 32,807 \\ \hline \end{array}$$

$$\begin{array}{r} 136,451 \\ - 81,710 \\ \hline \end{array}$$

$$\begin{array}{r} 26,550 \\ + 18,250 \\ \hline \end{array}$$

$$\begin{array}{r} 163,722 \\ - 96,986 \\ \hline \end{array}$$

$$\begin{array}{r} 50,586 \\ + 88,285 \\ \hline \end{array}$$

$$\begin{array}{r} 106,203 \\ - 88,230 \\ \hline \end{array}$$

$$\begin{array}{r} 107,818 \\ - 97,069 \\ \hline \end{array}$$

$$\begin{array}{r} 47,672 \\ + 16,347 \\ \hline \end{array}$$

$$\begin{array}{r} 173,632 \\ - 82,180 \\ \hline \end{array}$$

$$\begin{array}{r} 90,716 \\ + 22,205 \\ \hline \end{array}$$

$$\begin{array}{r} 57,877 \\ - 39,786 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 8 \\ \hline \square \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ - 3 \\ \hline \square \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ - \square \\ \hline \end{array}$$

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

$$\begin{array}{r} 21 \\ - \square \\ \hline \end{array}$$

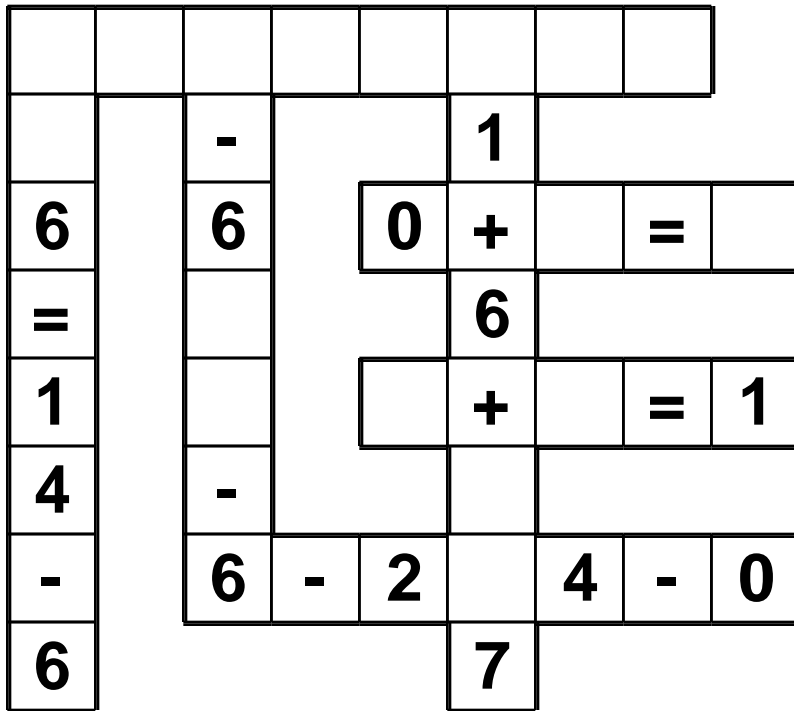
$$\begin{array}{r} 13 \\ + \square \\ \hline 20 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 24 \end{array}$$

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

2 • + • 7 • = • 1 • 0 • - • 1 • + • 5 • 5 • = • 7 • 0 • 1 • 0 • =

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



Write four words to describe this lamp.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_



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

	7	0
X		6
<hr/>		

	2	2
X		5
<hr/>		

	3	3
X		4
<hr/>		

	6	8
X		9
<hr/>		

	8	3
X		8
<hr/>		

	2	0
X		7
<hr/>		

	3	0
X		5
<hr/>		

	8	1
X		3
<hr/>		

	1	1
X		3
<hr/>		

	6	0
X		2
<hr/>		

	7	3
X		7
<hr/>		

	8	3
X		8
<hr/>		

	7	8
X		2
<hr/>		

	9	5
X		4
<hr/>		

	9	3
X		6
<hr/>		

	8	3
X		8
<hr/>		

	5	9
X		6
<hr/>		

	6	2
X		5
<hr/>		

	6	9
X		7
<hr/>		

	6	7
X		8
<hr/>		

	3	4
X		4
<hr/>		

	4	6
X		2
<hr/>		

	9	3
X		5
<hr/>		

	2	5
X		3
<hr/>		

	1	3
X		3
<hr/>		

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

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

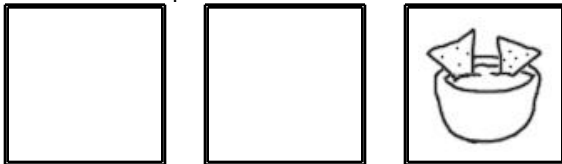


Draw 1 of these 3 pictures.  
The picture is NOT in the correct spot.



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

Draw the 3 pictures in the correct order:



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



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

Name the shape with six sides and six angles.

Is submarine a composite or a prime number?

$$22 + \underline{\quad} + 20 = 60$$

$$11 \times 6 \times 12$$

Amanda has \$33. She wants to buy something that costs \$96. How much more does she need?

$$25 \div 5 =$$

How many tens are in the number 20?

Is 26 a composite or a prime number?

You need to add what to 48 to get 55?

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

Find the way from START to END by passing only through numbers that are multiples of five.

You are not allowed to go diagonally. Good luck!

START	887	373	212	537	623	829	612	468	892
765	129	791	291	351	864	606	250	730	408
15	640	415	860	95	760	40	615	840	571
232	557	524	504	324	622	935	675	515	960
172	94	293	731	43	482	338	56	490	475
503	796	538	971	873	917	388	862	605	517
257	68	287	304	754	365	390	280	890	851
289	582	957	399	515	985	180	255	836	549
604	473	141	796	530	260	865	210	21	907
89	694	623	319	268	835	320	860	995	END

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$$15 \overline{) 600}$$

$$12 \overline{) 109}$$

$$40 \overline{) 440}$$

$$9 \overline{) 216}$$

$$10 \overline{) 170}$$

$$44 \overline{) 176}$$

$$77 \overline{) 693}$$

$$32 \overline{) 1968}$$

$$7 \overline{) 210}$$

$$55 \overline{) 672}$$

$$40 \overline{) 600}$$

$$40 \overline{) 1025}$$

What is the sum of 9 and 27?

Double the number 7 three times.

Round 96 to the nearest ten.

$$21 \div \underline{\quad} = 7$$

$$70 \div 7 =$$

What number is halfway between 0 and 22?

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

If

$$1, 9 = 9$$

$$2, 13 = 26$$

$$3, 18 = 54$$

$$4, 23 = 92$$

Then

$$5, 25 = ?$$

If

$$8, 5 = 40$$

$$9, 8 = 72$$

$$10, 11 = 110$$

$$11, 13 = 143$$

Then

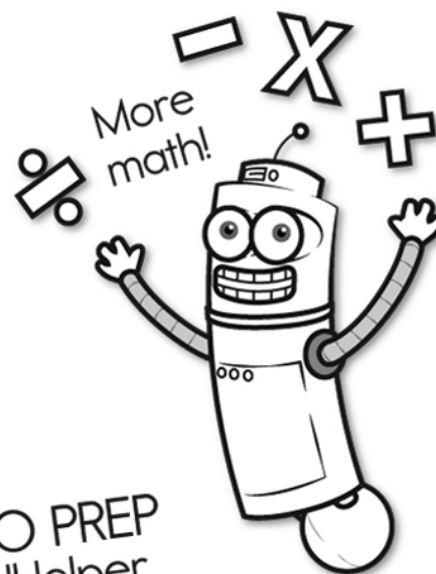
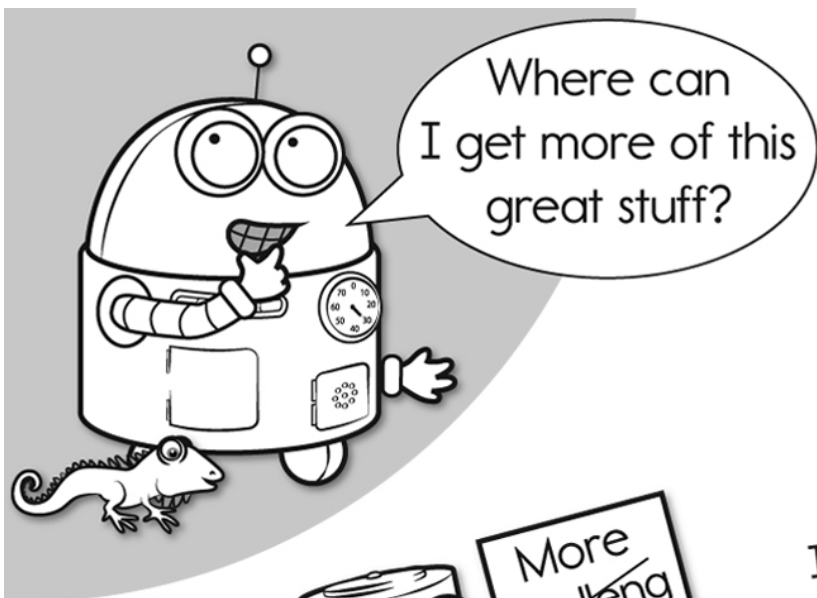
$$12, 18 = ?$$

What is the rule for each pattern?

\_\_\_\_\_, \_\_\_\_\_, 39, 73, 33, 62, 27, 51, 21, 40, 15, 29

117, 112, 101, 102, 85, 92, 69, \_\_\_\_\_, \_\_\_\_\_, 72, 37, 62, 21

85, 111, 76, 96, \_\_\_\_\_, \_\_\_\_\_, 58, 66, 49, 51, 40, 36

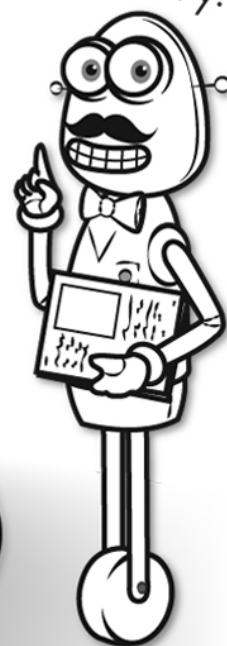


It's NO PREP at edHelper.

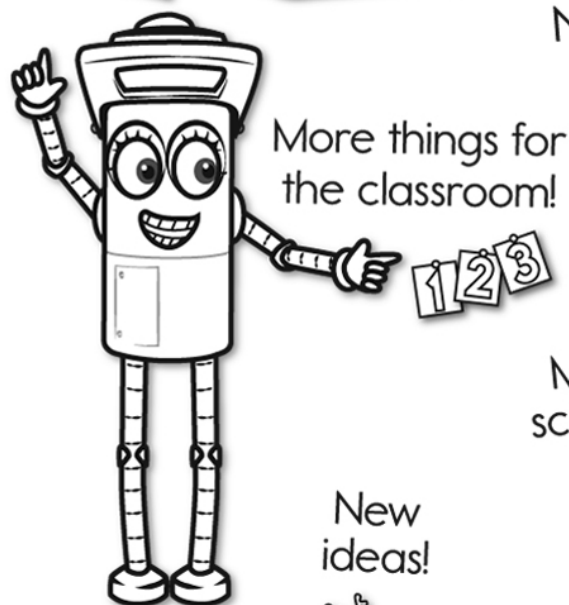
More history!



edHelper.com!



New online math games!



New ideas!



More science!



More puzzles!

