

Name: _____

Complete each pattern. Write what the rule is.

18	36	54
72		108
126	144	

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

If

$$1, 12 = 12$$

$$2, 16 = 32$$

$$3, 19 = 57$$

$$4, 23 = 92$$

Then

$$5, 28 = ?$$

If

$$5, 9 = 45$$

$$6, 14 = 84$$

$$7, 16 = 112$$

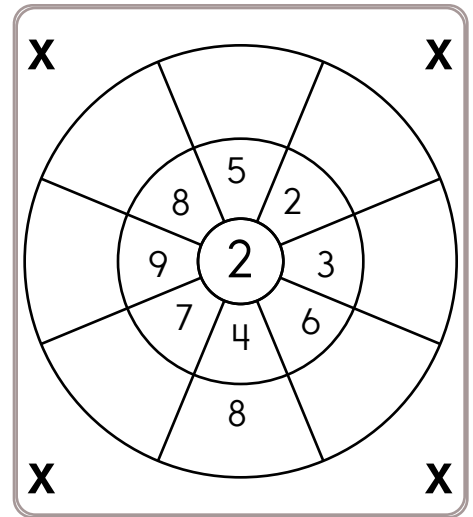
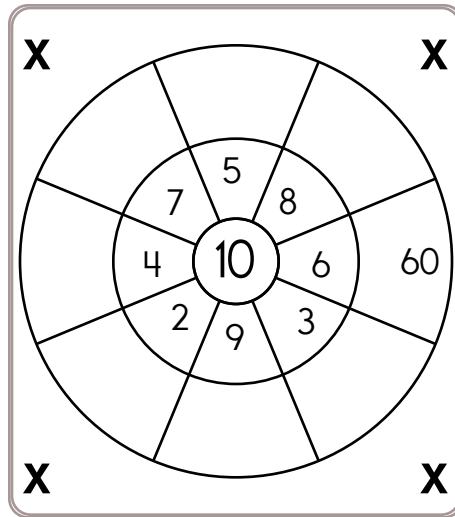
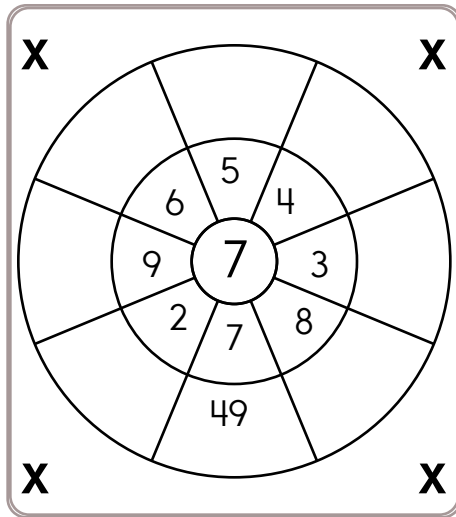
$$8, 21 = 168$$

Then

$$9, 23 = ?$$

Name: _____

Multiply the numbers by the number in the center.



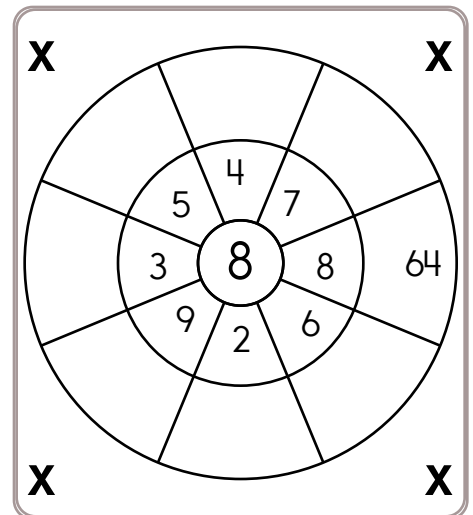
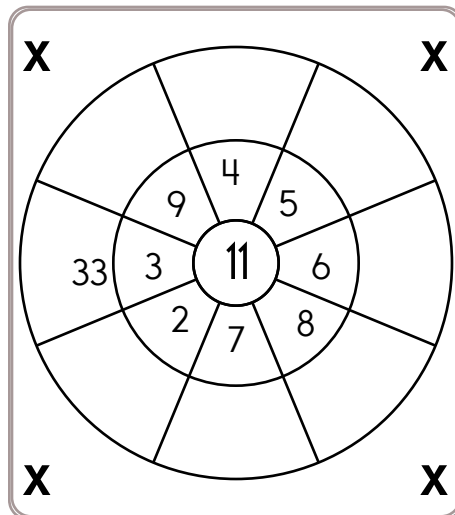
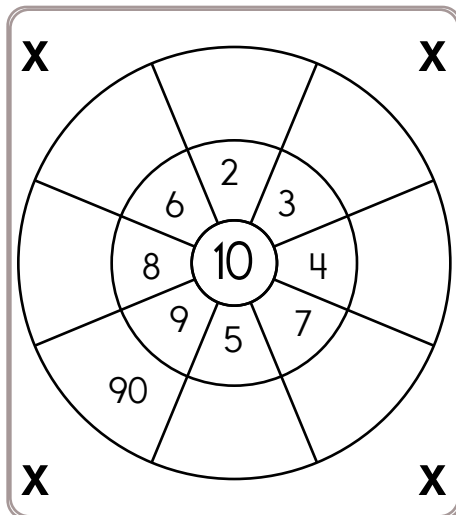
$$3 \times 2 = \quad 5 \times 4 = \quad 7 \times 4 = \quad 1 \times 11 = \quad 9 \times 12 =$$

$$8 \times 8 = \quad 9 \times 10 = \quad 2 \times 5 = \quad 0 \times 10 = \quad 3 \times 6 =$$

$$6 \times 7 = \quad 11 \times 12 = \quad 11 \times 12 = \quad 0 \times 2 = \quad 10 \times 12 =$$

$$3 \times 7 = \quad 2 \times 5 = \quad 4 \times 10 = \quad 11 \times 9 = \quad 6 \times 8 =$$

Multiply the numbers by the number in the center.



Name: _____

Connor and his two brothers went to the circus. Tickets cost \$10 for ages 12 and up, \$6.25 for ages 6-11, and \$3.75 for all ages under 6. If the ages of the three brothers were 15, 9, and 6, what was the cost of the three tickets?

Hunter bought a jar of honey for \$4.58 and a book about bees for \$6.85. How much did he spend in all?

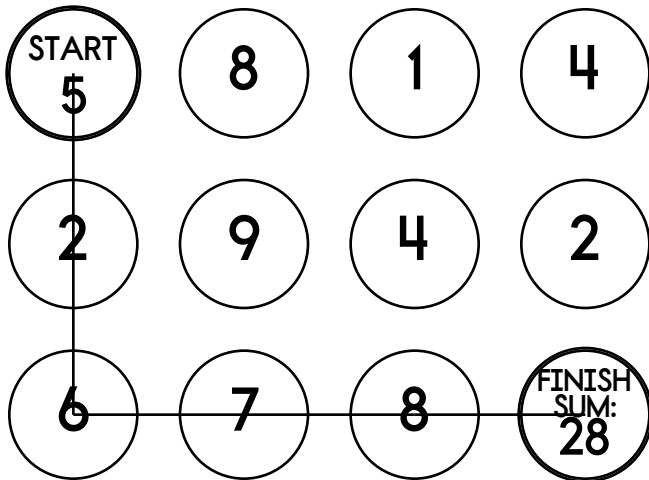
Ava was so into a book. She finally finished! She then spent 3 times as long playing a game on her phone as she did reading. Ava spent a total of 148 minutes in her room reading and playing the game. For how long did Ava read?

What one-digit number is missing in this equation?

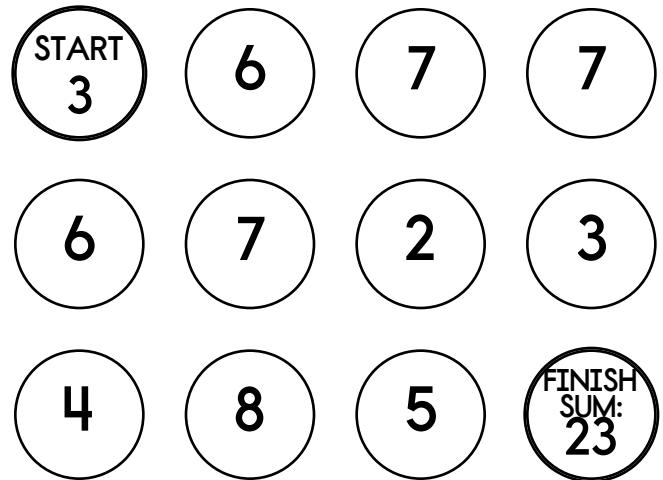
$$22 \times \underline{\quad} + 11 = 121$$

Name: _____

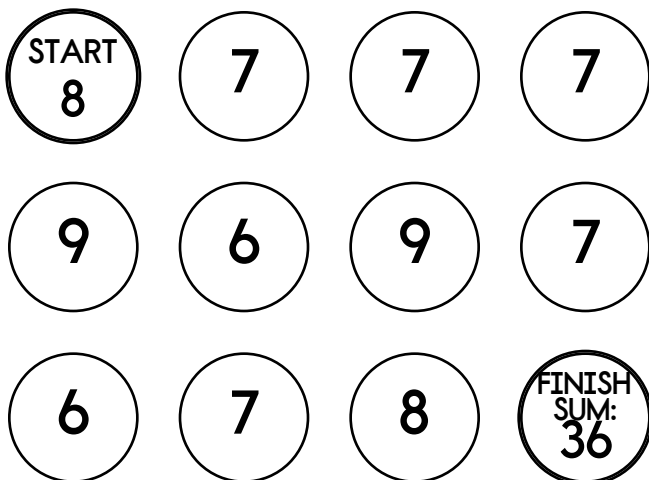
Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.



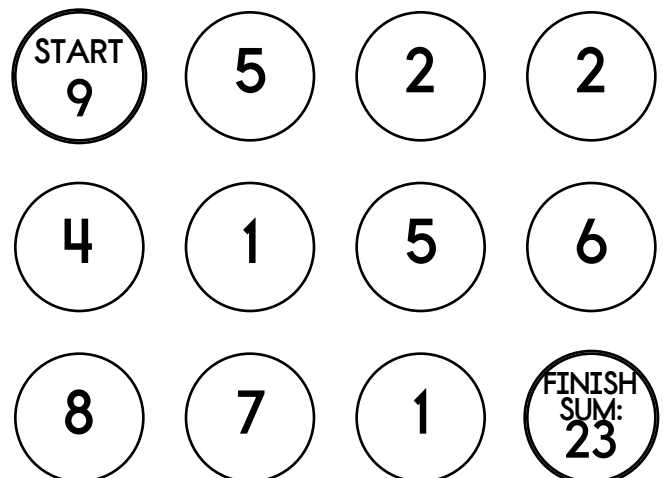
$$5 + \underline{2} + \underline{6} + \underline{7} + \underline{8} = 28$$



$$3 + \underline{6} + \underline{\quad} + \underline{\quad} + \underline{\quad} = 23$$



$$8 + \underline{7} + \underline{\quad} + \underline{\quad} + \underline{\quad} = 36$$



Did you find a path? Write the equation.

Name: _____

Hunter paid \$1.77 for a tsunami poster, \$3.63 for a book, \$2.60 for a pound of grapes, and \$1.93 for a loaf of bread. How much did he spend on food?

The fourth grade students invited their parents to come to their classroom on Alexander Graham Bell Day to see their projects. Rose was making nametags for the parents. She needs 42 nametags. If she makes 4 nametags each day, how many days will it take her to make all the tags?

Justin likes to read. He likes to read about sports heroes. He bought a book about Spud Webb. Spud Webb was only five feet and five inches tall. He was a very short for an NBA player! The book cost \$2.50. Justin gave the clerk \$5. How much change did he get back?

Fill in the boxes so each line equals 8.

8

$$\boxed{} - \boxed{9}$$

$$\boxed{} \times \boxed{8}$$

$$\boxed{56} \div \boxed{}$$

$$\boxed{} + \boxed{1} \times \boxed{}$$

$$(\boxed{} + \boxed{5}) + \boxed{}$$

Share 14 equally among 2.

Add one hundred to 727.

In the number 827,534, what digit is in the hundreds place?

Fill in the missing fraction.

$$\frac{4}{8} \quad , \quad \frac{5}{8} \quad , \quad \underline{\hspace{1cm}} \quad , \quad \frac{7}{8}$$

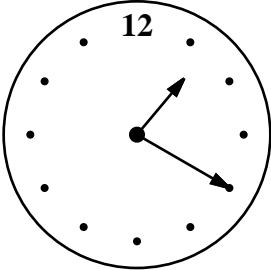
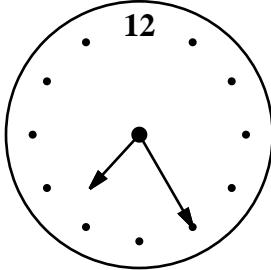
Circle the answer that best completes the sentence.

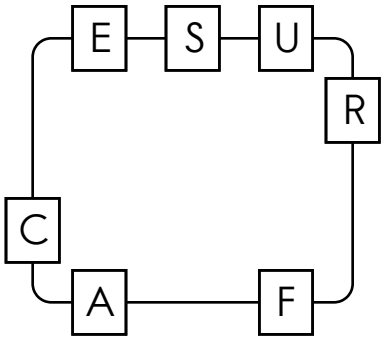

I (may/can) have dessert after dinner if I get permission first.

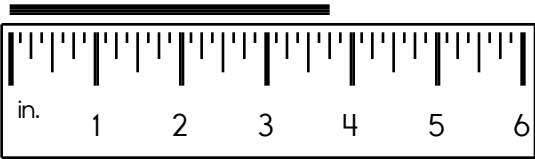
The factors of 10 are 1 2 _____

Name: _____

Write the number for two thousand, thirteen. _____	<input type="radio"/> mare	What is the value of the 3 in 36? _____
	<input type="radio"/> mihr	
	<input type="radio"/> mre	
	<input type="radio"/> muri	

What is the area of a square that measures 6 cm on one of its sides? _____		
	current time (pm)	time party starts (pm)
How long until the party? _____		

Write the hidden word. Start at one letter and then move either left or right.  _____	Color in $\frac{4}{5}$ of the rectangle. 
	Which is longer: one foot or nine inches? _____

Write the length in inches. _____ 	$\begin{array}{r} 30 \\ + 12 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ + 70 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ + 30 \\ \hline \end{array}$
---	---	---	---

Name: _____

Sudoku Sums of 10

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 10.

Here is an example of a sudoku sum of 10:

5	5
---	---

		1		2	
4				5	
	2	3	4		
1					
	3				
					5

$$8 \overline{)64}$$

How many 4s are in 40?

What is the value of the BIG digit?

33,258,862

$$\begin{array}{r} 35 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 6 \\ + 88 \\ \hline \end{array}$$

Do you use A.M. or P.M. to write 7:00 in the morning?

Which number is two hundred thirteen?

231 213 312
2,130

Name: _____

$$\begin{array}{r} 108,983 \\ - 47,117 \\ \hline \end{array}$$

$$\begin{array}{r} 137,514 \\ - 45,669 \\ \hline \end{array}$$

$$\begin{array}{r} 102,438 \\ - 16,130 \\ \hline \end{array}$$

$$\begin{array}{r} 74,907 \\ + 40,050 \\ \hline \end{array}$$

$$\begin{array}{r} 81,523 \\ + 62,193 \\ \hline \end{array}$$

$$\begin{array}{r} 14,155 \\ + 38,138 \\ \hline \end{array}$$

$$\begin{array}{r} 122,249 \\ - 51,242 \\ \hline \end{array}$$

$$\begin{array}{r} 95,888 \\ + 84,319 \\ \hline \end{array}$$

$$\begin{array}{r} 24,062 \\ + 67,365 \\ \hline \end{array}$$

$$\begin{array}{r} 177,820 \\ - 99,692 \\ \hline \end{array}$$

$$\begin{array}{r} 81,858 \\ + 31,843 \\ \hline \end{array}$$

$$\begin{array}{r} 120,562 \\ - 52,810 \\ \hline \end{array}$$

$$\begin{array}{r} 97,278 \\ + 63,937 \\ \hline \end{array}$$

$$\begin{array}{r} 51,686 \\ - 33,345 \\ \hline \end{array}$$

$$\begin{array}{r} 78,315 \\ + 43,107 \\ \hline \end{array}$$

$$\begin{array}{r} 76,955 \\ - 65,838 \\ \hline \end{array}$$

$$\begin{array}{r} 98,327 \\ + 20,500 \\ \hline \end{array}$$

$$\begin{array}{r} 101,185 \\ - 53,829 \\ \hline \end{array}$$

$$\begin{array}{r} 45,458 \\ + 59,097 \\ \hline \end{array}$$

$$\begin{array}{r} 11,752 \\ + 23,960 \\ \hline \end{array}$$

$$\begin{array}{r} 119,969 \\ - 78,551 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 4 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} - 8 \\ \hline \end{array}$$

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

$$\begin{array}{r} 18 \\ + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ + \square \\ \hline \end{array}$$

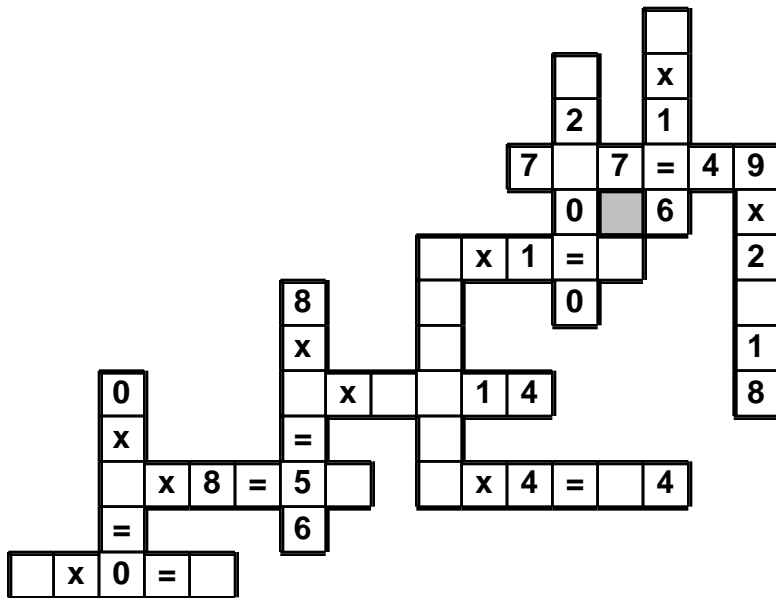
$$\begin{array}{r} 35 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ + 8 \\ \hline \square \end{array}$$

Name: _____

6 • 1 • x • 9 • 9 • x • = • 4 • 7 • 2 • = • 3 • 7 • 6 • 6 • 2 • 1
0

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



If $\square = 9$, then $11 - \square =$ _____

Fill in the blanks with
these numbers:
8, 8, 5

$$\begin{array}{r} 3 \quad 7 \\ + \quad \square \quad 1 \\ \hline \square \quad \square \end{array}$$

Fill in the blanks with
these numbers:
6, 9, 8

$$\begin{array}{r} 5 \quad 2 \\ + \quad 4 \quad \square \\ \hline \square \quad \square \end{array}$$

Write the unshaded part as a decimal.

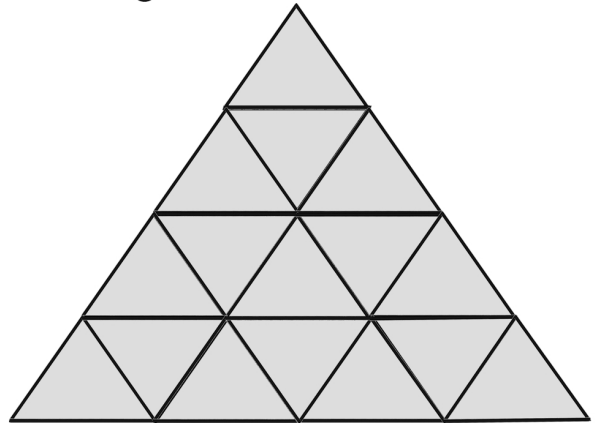
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List the first four multiples of 6.

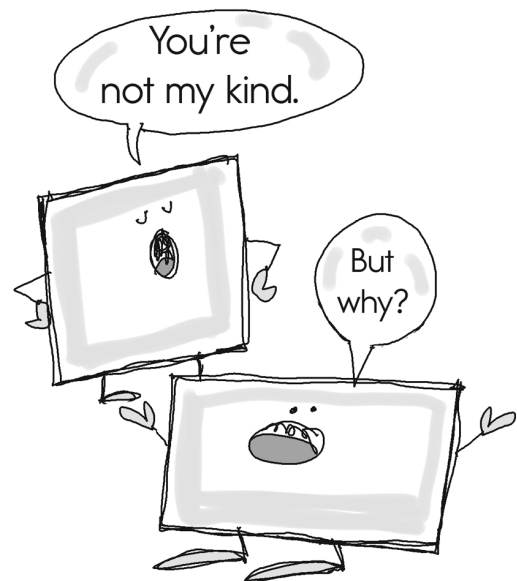
Name: _____

How many triangles are here (following the lines)? _____

Draw them here.



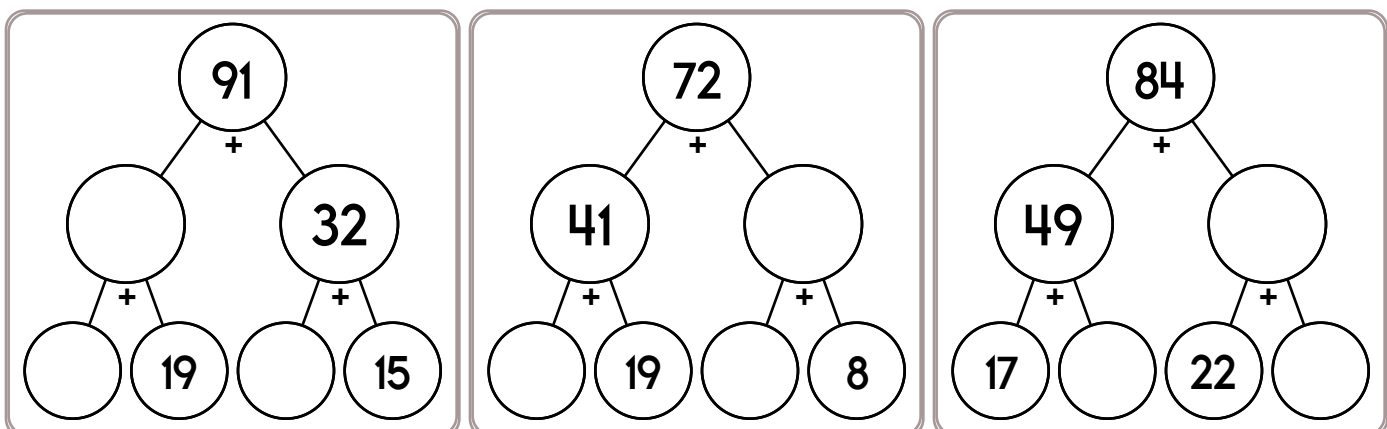
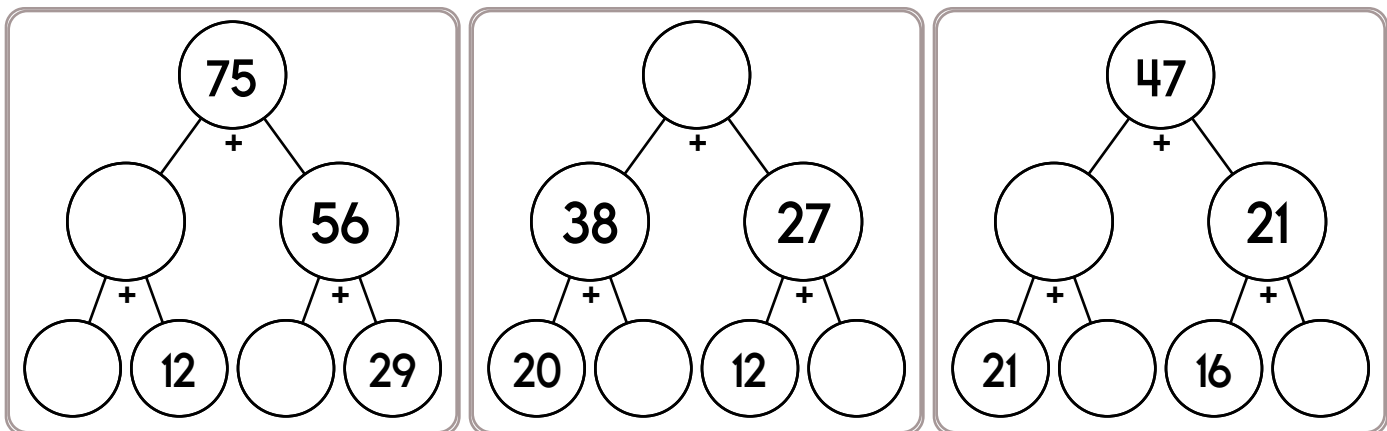
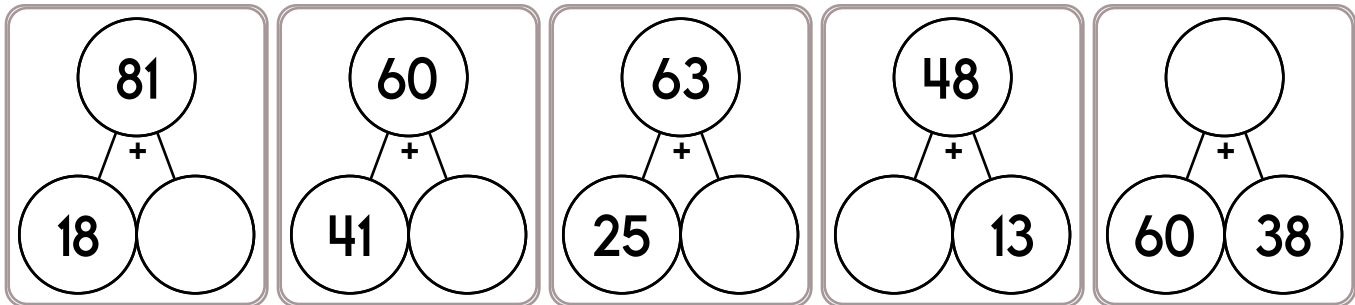
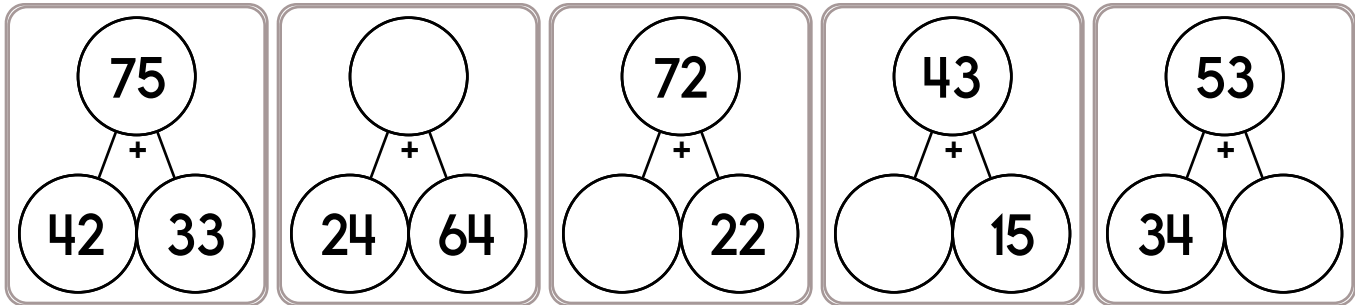
Why are all rectangles
not squares? _____



Why isn't a circle a
polygon? _____

How many vertices does
a figure need to be
considered a polygon?

Name: _____



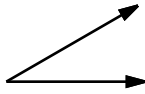
What is the least common multiple of 6 and 7?

What is the greatest common factor of 3 and 12?

What is the greatest common factor of 8 and 12?

Name: _____

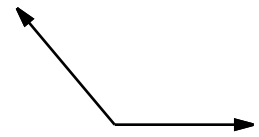
Circle the type of angle.



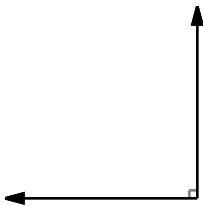
right angle
acute angle
obtuse angle



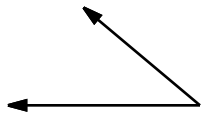
right angle
acute angle
obtuse angle



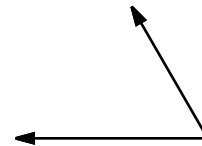
right angle
acute angle
obtuse angle



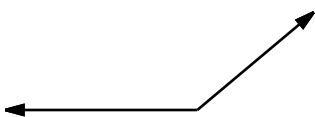
right angle
acute angle
obtuse angle



right angle
acute angle
obtuse angle



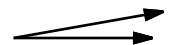
right angle
acute angle
obtuse angle



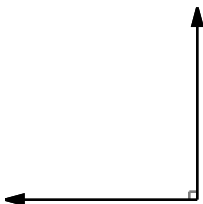
right angle
acute angle
obtuse angle



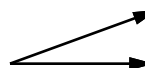
right angle
acute angle
obtuse angle



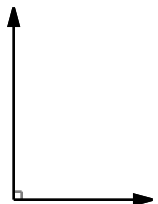
right angle
acute angle
obtuse angle



right angle
acute angle
obtuse angle



right angle
acute angle
obtuse angle



right angle
acute angle
obtuse angle

Name: _____

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

A

<u>52</u>	11	<u>42</u>
-	<u>94</u>	67 17
	68	21 97

Find a subtraction fact.

B

<u>65</u>	91	1
-	35	71 66
	29	73 32

Find a subtraction fact.

C

90	<u>53</u>	19
-	73	20 83
	9	80 31

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	94	-	52	=	42
B		-		=	65
C		-		=	53



Write this number using words.

Write a word to describe September.

$$\begin{array}{r} 34 \\ + 83 \\ \hline \end{array}$$

$97 - 3 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 57 \\ - 37 \\ \hline \end{array}$$

Write the correct symbol.

< = >

965 1,965

$11 + \boxed{} = 13$

$23 + \boxed{} = 25$

$7 + \boxed{} = 31$

$23 + \boxed{} = 33$

Name: _____

The sum of two counting numbers is 41. One number is seven larger than the other. What are the two numbers?

I am the largest whole number that will round to 580,000 when you round to the nearest ten-thousand.

	5
X	2
<hr/>	

	4
X	7
<hr/>	

	3
X	6
<hr/>	

	8
X	9
<hr/>	

	2
X	9
<hr/>	

	3
X	4
<hr/>	

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

	6	7
X		8
<hr/>		

	6	4
X		5
<hr/>		

	3	8
X		2
<hr/>		

	4	9
X		9
<hr/>		

	2	7
X		8

	7	6	0
X			5
<hr/>			

	3	0	1
X			3

	3	8	1
X			7

	4	2	8
X			2
<hr/>			

	3	1	8	5
X				9
<hr/>				

	9	0	0	5
X				7

	9	7	4	3
X				4

	2	3	3	6	9
X					7

	8	0	6	2	6
X					3

	6	0	6	2	0
X					6

Name: _____

	7	9	4	7	5	9
X						2
<hr/>						

	4	7	8	6	2	4
X						3
<hr/>						

	6
X	7
<hr/>	

	9
X	3
<hr/>	

	2
X	5
<hr/>	

	4
X	8
<hr/>	

	9
X	8
<hr/>	

	6
X	3
<hr/>	

	2
X	7
<hr/>	

	4	3
X		2
<hr/>		

	7	9
X		4
<hr/>		

	1	1
X		3
<hr/>		

	3	1
X		5
<hr/>		

	7	2
X		2
<hr/>		

	7	9	4
X			7
<hr/>			

	7	8	4
X			5
<hr/>			

	5	2	4
X			2
<hr/>			

	2	5	2
X			8
<hr/>			

	3	4	0	8
X				4
<hr/>				

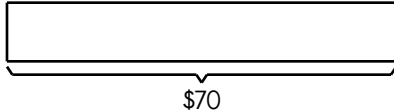
	7	2	7	2
X				8
<hr/>				

	7	1	5	8
X				3
<hr/>				

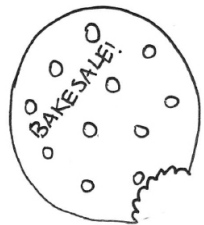
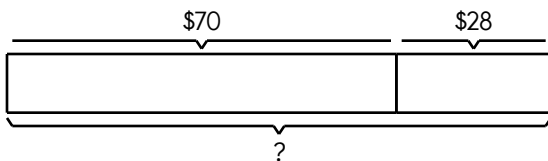
Name: _____

Megan's class raised \$70 in their bake sale. Wendy is in a different class. Wendy's class raised \$28 more than Megan's class. How much did Wendy's class raise?

Megan's class



Wendy's class:



Wendy's class raised \$ _____ .

Anne and her sister Mary love walking their dog. Together they walked their dog 47 times this month. Anne walked the dog 5 more times than Mary did. How many times did Mary walk the dog this month?

Mary walked the dog _____ times.

Anne walked the dog _____ times. That's 5 more than Mary walked the dog.

_____ + _____ = 47

Holly's soccer team has a \$840 fund to use for tournaments. The first tournament they will do costs \$375. How much will they have left to use for the rest of the season?

_____ ○ _____ = _____

Mary is in charge of printing the school's newsletter. She printed a total of 701 before her printer ran out of ink. After adding ink, she printed another 720 copies. How many copies of the newsletter did she print?

_____ ○ _____ = _____

Amy's soccer team is collecting old soccer jerseys to donate to kids in need. Amy collected the most jerseys. In fact, she collected 21 more than Holly. Holly collected the fewest jerseys. She collected 3 fewer than Hunter. If Hunter collected a total of 8 jerseys, how many jerseys did the three kids collect in all?

Amy

--	--

Holly

--

Hunter

--	--

Amy collected _____ jerseys. Holly collected

_____ jerseys. Hunter collected 8 jerseys.

They collected a total of _____ jerseys.

Name: _____

Draw a line from START to END.

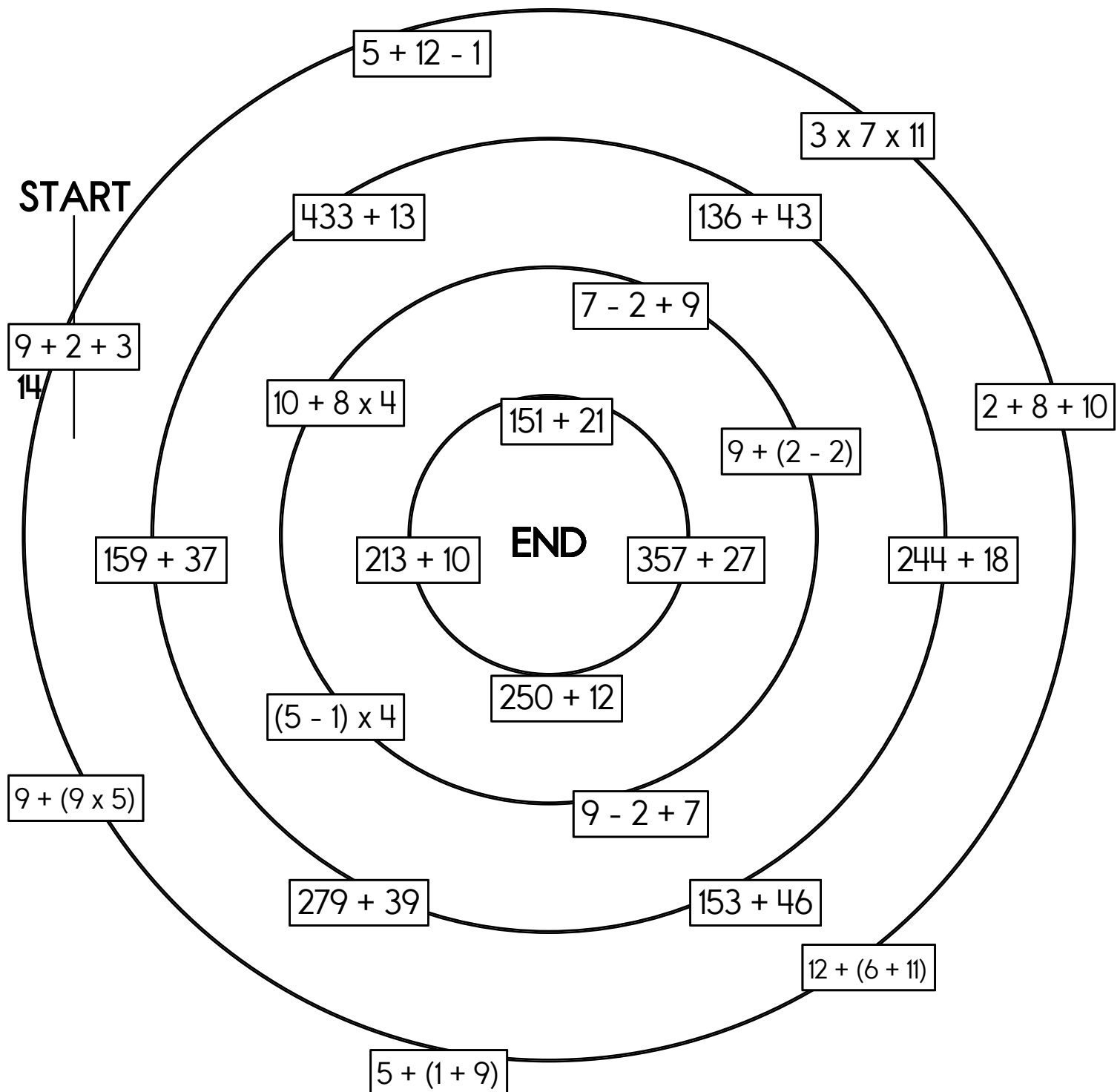
~~14~~

16

199

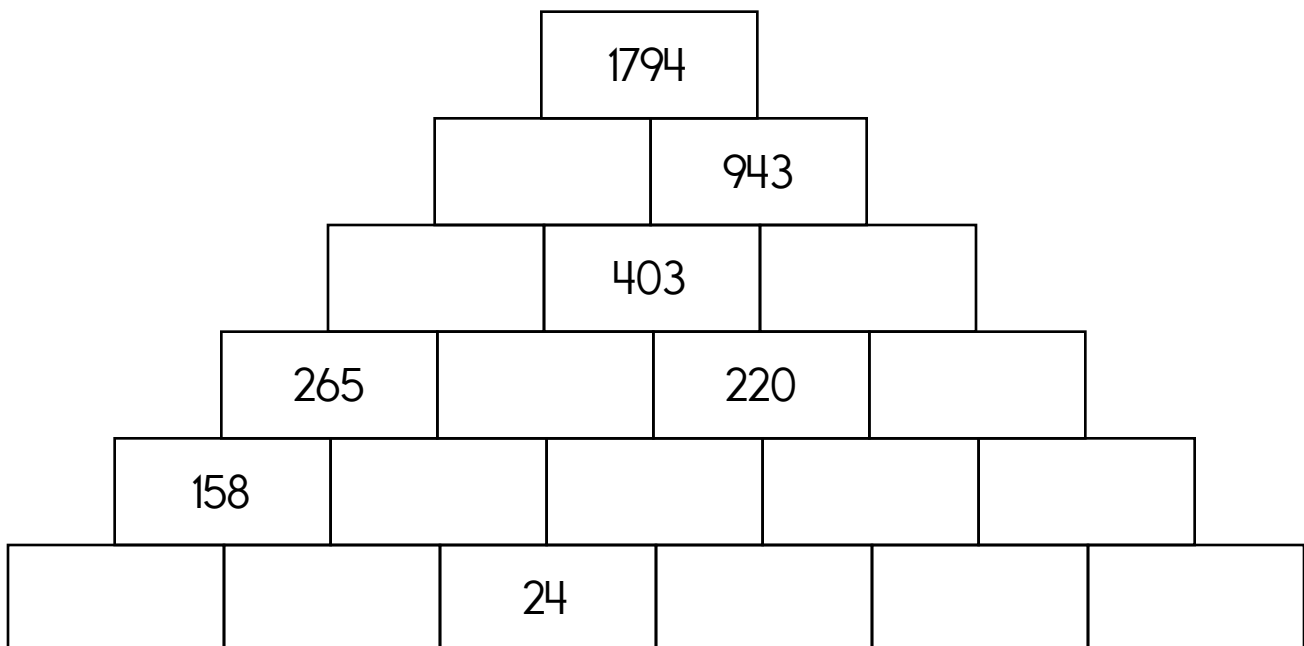
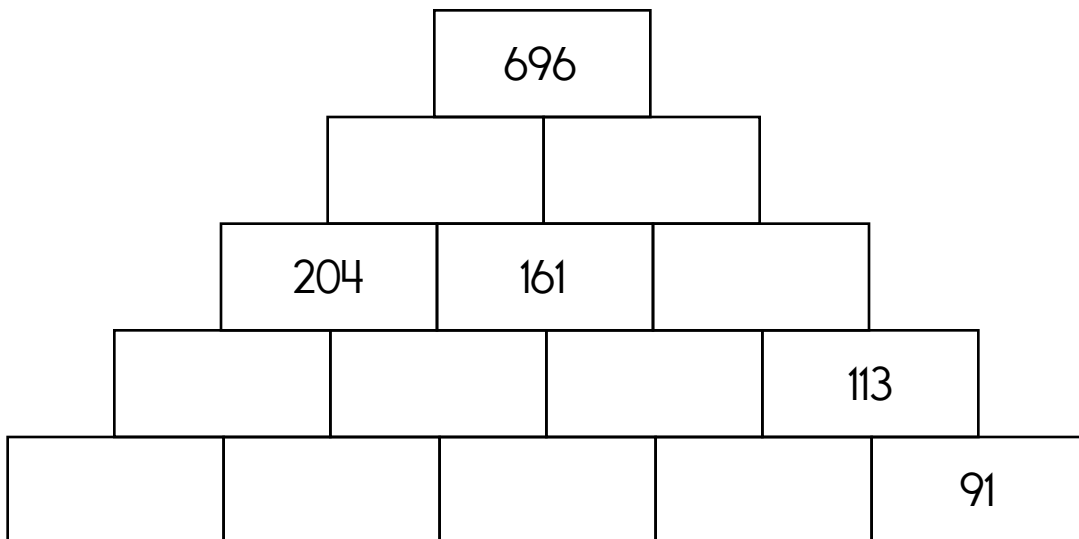
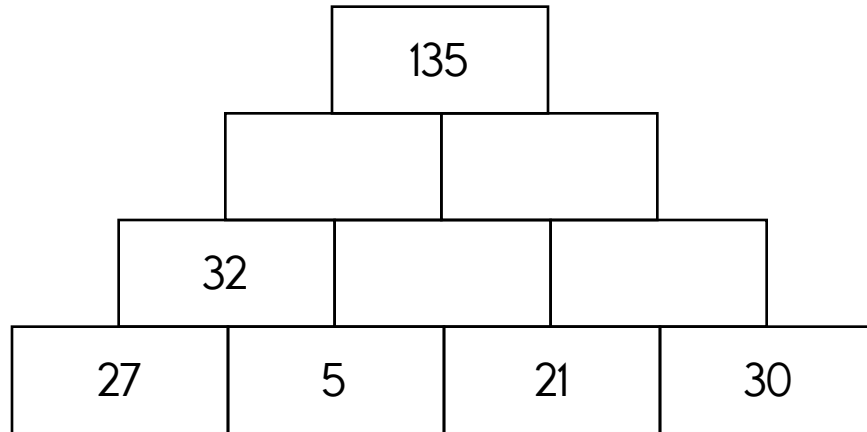
223

Cross out the number you use above and then write it below.



Name: _____

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





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New ideas!



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

More puzzles!



