

Name: _____

Cross off the letter that does NOT belong.

A, K, C, N, E, K, Q, G, T, I, W

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

$\frac{2}{8}$, $\frac{4}{8}$, $\frac{6}{8}$, 1, $1\frac{2}{8}$, $1\frac{4}{8}$, $1\frac{5}{8}$, $1\frac{6}{8}$, 2,
 $2\frac{2}{8}$, $2\frac{4}{8}$, $2\frac{6}{8}$, 3, $3\frac{2}{8}$, $3\frac{4}{8}$, $3\frac{6}{8}$, 4, $4\frac{2}{8}$

Why does _____ not belong in the pattern?

Name: _____

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

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

$7 + 3 = \underline{\quad}$

$5 + 9 = \underline{\quad}$

$9 + 9 = \underline{\quad}$

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



How many times
do you need to spin?

I needed to spin _____
time(s) to finish the page.

$1 + 2 = \underline{\quad}$

$4 + 8 = \underline{\quad}$

$2 + 2 = \underline{\quad}$

Spin fidget spinner. Quick!

I needed to spin _____ time(s) to finish.

$27 \div 9 = \underline{\quad}$

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

$3 + 4 = \underline{\quad}$

$7 \times 7 = \underline{\quad}$

$7 + 3 = \underline{\quad}$

$9 \times 3 = \underline{\quad}$

$3 + 4 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$

$24 \div 6 = \underline{\quad}$

$6 + 9 = \underline{\quad}$

$8 \times 5 = \underline{\quad}$

$9 - 7 = \underline{\quad}$

$6 \times 8 = \underline{\quad}$

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

$4 + 7 = \underline{\quad}$

$6 + 7 = \underline{\quad}$

$8 \times 7 = \underline{\quad}$

$7 \times 6 = \underline{\quad}$

$4 + 8 = \underline{\quad}$

$7 + 6 = \underline{\quad}$

$9 - 3 = \underline{\quad}$

$5 + 4 = \underline{\quad}$

$32 \div 4 = \underline{\quad}$

$7 + 3 = \underline{\quad}$

$4 + 8 = \underline{\quad}$

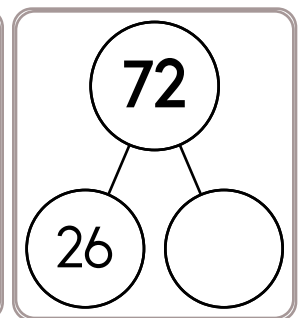
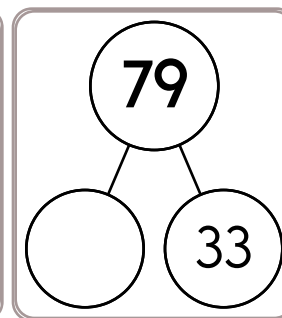
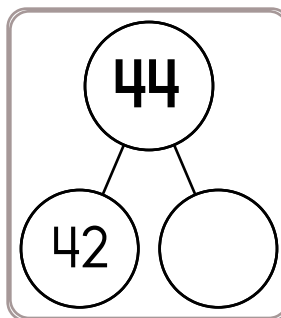
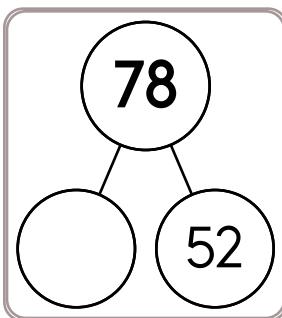
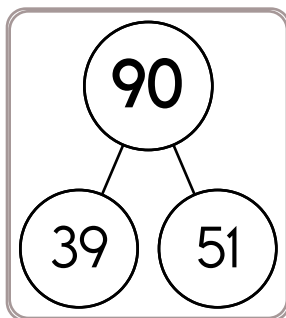
$9 \times 6 = \underline{\quad}$

$7 - 4 = \underline{\quad}$

$4 \times 3 = \underline{\quad}$

$3 + 7 = \underline{\quad}$

$5 + 9 = \underline{\quad}$



$59 + 3 = \underline{\quad}$

$79 + 6 = \underline{\quad}$

$68 + 9 = \underline{\quad}$

$14 + 3 = \underline{\quad}$

$45 + 8 = \underline{\quad}$

$38 + 3 = \underline{\quad}$

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

$13 + 3 = \underline{\quad}$

$23 + 8 = \underline{\quad}$

$38 + 6 = \underline{\quad}$

$67 + 6 = \underline{\quad}$

$78 + 4 = \underline{\quad}$

$46 + 8 = \underline{\quad}$

$57 + 3 = \underline{\quad}$

$45 + 9 = \underline{\quad}$

$73 + 9 = \underline{\quad}$

$38 + 5 = \underline{\quad}$

$15 + 3 = \underline{\quad}$

$24 + 5 = \underline{\quad}$

$54 + 9 = \underline{\quad}$

$66 + 6 = \underline{\quad}$

$36 + 9 = \underline{\quad}$

$15 + 8 = \underline{\quad}$

$77 + 4 = \underline{\quad}$

$58 + 6 = \underline{\quad}$

Name: _____

$5 + 8 = \underline{\quad}$

$7 + 9 = \underline{\quad}$

$3 + 1 = \underline{\quad}$

$2 + 9 = \underline{\quad}$

$1 + 2 = \underline{\quad}$

$4 + 3 = \underline{\quad}$



How many times
do you need to spin?

I needed to spin _____
time(s) to finish the page.

$8 + 9 = \underline{\quad}$

$9 + 2 = \underline{\quad}$

$6 + 5 = \underline{\quad}$

Spin fidget spinner. Quick!

I needed to spin _____ time(s) to finish.

$6 - 4 = \underline{\quad}$

$5 + 5 = \underline{\quad}$

$9 \times 6 = \underline{\quad}$

$9 \times 3 = \underline{\quad}$

$4 + 8 = \underline{\quad}$

$28 \div 4 = \underline{\quad}$

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

$9 + 4 = \underline{\quad}$

$35 \div 5 = \underline{\quad}$

$5 \times 7 = \underline{\quad}$

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

$7 \times 6 = \underline{\quad}$

$8 + 3 = \underline{\quad}$

$5 - 3 = \underline{\quad}$

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

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

$5 + 9 = \underline{\quad}$

$4 \times 8 = \underline{\quad}$

$5 + 5 = \underline{\quad}$

$7 - 4 = \underline{\quad}$

$8 + 6 = \underline{\quad}$

$63 \div 9 = \underline{\quad}$

$5 \times 3 = \underline{\quad}$

$9 + 5 = \underline{\quad}$

$9 + 7 = \underline{\quad}$

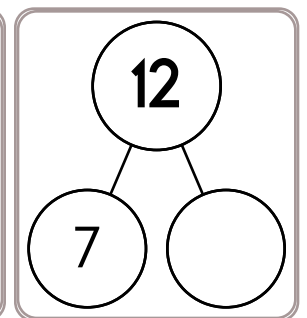
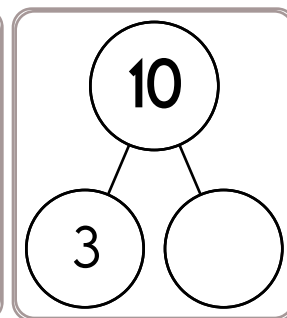
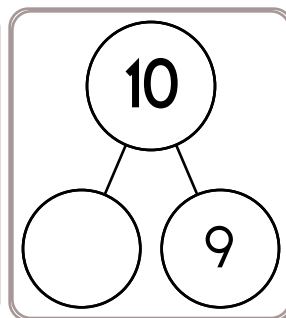
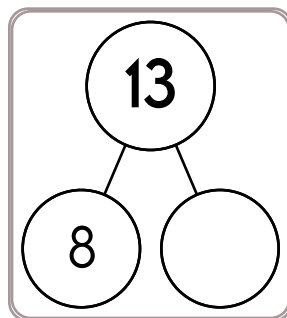
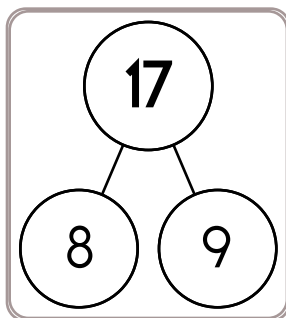
$7 + 4 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

$15 \div 3 = \underline{\quad}$

$7 + 5 = \underline{\quad}$

$6 \times 9 = \underline{\quad}$



$57 + 3 = \underline{\quad}$

$38 + 7 = \underline{\quad}$

$76 + 7 = \underline{\quad}$

$24 + 8 = \underline{\quad}$

$44 + 4 = \underline{\quad}$

$66 + 5 = \underline{\quad}$

$15 + 4 = \underline{\quad}$

$73 + 4 = \underline{\quad}$

$38 + 4 = \underline{\quad}$

$58 + 9 = \underline{\quad}$

$63 + 5 = \underline{\quad}$

$44 + 5 = \underline{\quad}$

$19 + 8 = \underline{\quad}$

$24 + 8 = \underline{\quad}$

$76 + 6 = \underline{\quad}$

$64 + 3 = \underline{\quad}$

$15 + 6 = \underline{\quad}$

$53 + 7 = \underline{\quad}$

$26 + 8 = \underline{\quad}$

$45 + 7 = \underline{\quad}$

$33 + 4 = \underline{\quad}$

$77 + 7 = \underline{\quad}$

$64 + 3 = \underline{\quad}$

$38 + 4 = \underline{\quad}$

$57 + 6 = \underline{\quad}$

Name: _____

<p>The Market on the Square had to buy 21 new carts. The price of each cart was \$128.95 plus \$10 per cart to put the name of the market on the cart. If the manager of Market on the Square decides to buy 10 new carts with the name of the market and the rest without, what will the cost be?</p>	<p>A maple tree grows about 10 inches per year. If the maple tree in Nathan's yard is 27 inches tall now, how tall will it be in 3 years?</p>	<p>The artist used 170 ml of red paint on the huge canvas. What fraction of a liter did he use?</p>
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<p>6,619 - 3,912 = _____</p>	<p>Circle the digit in the tenths place.</p> <p>86.855</p>
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<p>Jessica rolls two dice. What is the chance of her rolling a 2 on one die and a 6 on the other die?</p> <p>_____</p>	<p>Megan got a new soccer shirt. Can you guess the number on the back of her shirt?</p> <p>It has two digits. The digits add up to 10. The larger digit is 8 more than the smaller digit. The number is odd.</p>	$\begin{array}{r} 400 \\ - 294 \\ \hline \end{array}$
<p>Ava rolls a die. What is the chance of her rolling a 1?</p> <p>_____</p>		$\begin{array}{r} 32 \\ + 42 \\ \hline \end{array}$
<p>11 x 11 = _____</p>		

Name: _____

Holly is younger than Rosa. Holly is older than Amy. Who's the youngest?	$90 \div 10 = \underline{\hspace{2cm}}$	$\begin{array}{r} 456 \\ + 453 \\ \hline \end{array}$

$6 \div 3 = \underline{\hspace{2cm}}$	Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 3, 7, 1, and 5. Make three different decimal numbers. Put your three decimal numbers in order from largest to smallest.	$\begin{array}{r} 36 \\ - 26 \\ \hline \end{array}$

$23 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$	You can buy 2 toys for \$10 at the store. At this rate, what would be the cost of four toys?	$2 \times 11 = \underline{\hspace{2cm}}$

$1 \text{ kg} = 1,000 \text{ g}$ $24 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$	What time is 17 hours after 4:00 p.m. $\underline{\hspace{2cm}}$	$4 \times 11 = \underline{\hspace{2cm}}$

Seven-eighths of the children in Lee's class want to go outside. If Lee agrees with the majority, will the class stay inside or go outside?	How many yards are in 12 feet? $\underline{\hspace{2cm}}$ yards	
	$110 \div 11 = \underline{\hspace{2cm}}$	

Name: _____

Sudoku Sums of 9

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 9.

Here is an example of a sudoku sum of 9:

4	5
---	---

4					6
	6			1	
			3		
2				3	4
		5	1		

49 ÷ 7 = _____

Rewrite these in increasing order of length:

374 mm, 376 cm, 960 dm, 5 km

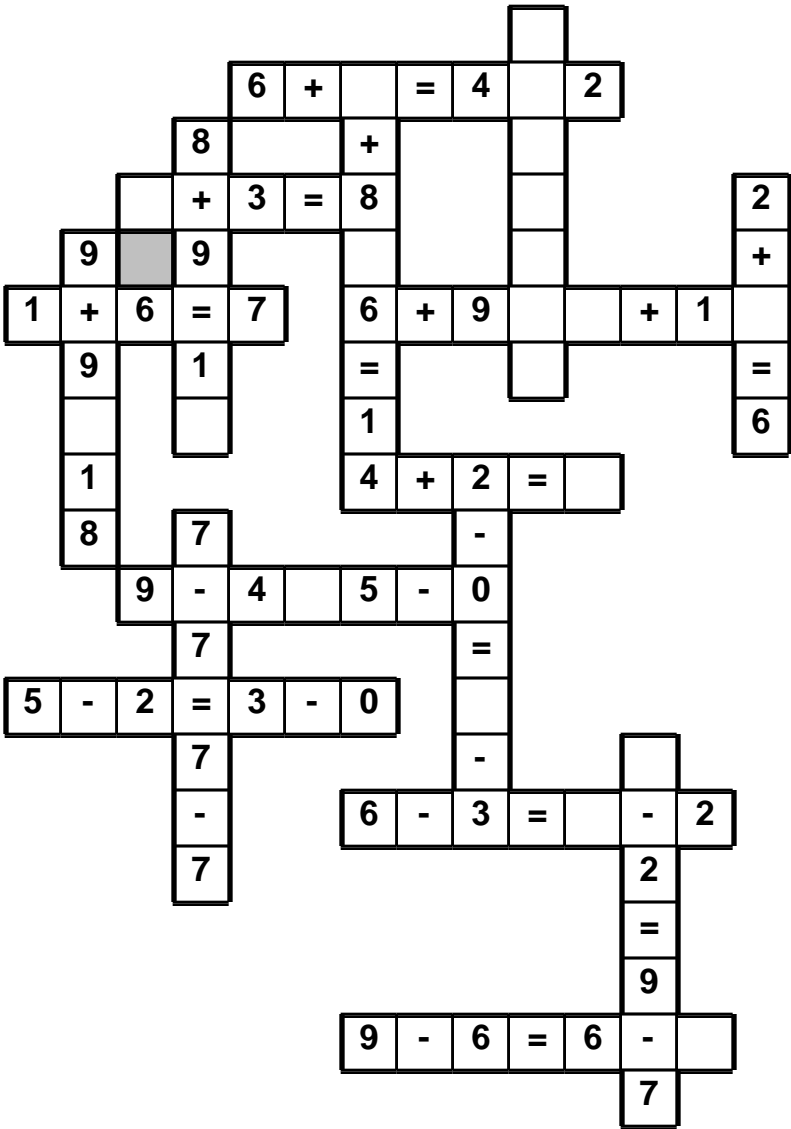
73,165 - 68,499 = _____

Write 708,260 in words.

Name: _____

$2 \cdot 0 \cdot + \cdot 3 \cdot 5 \cdot + \cdot + \cdot 1 \cdot = \cdot 1 \cdot 4 \cdot 6 \cdot = \cdot 7 \cdot 6 \cdot =$
 $5 \cdot 4 \cdot 5 \cdot 3$

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



$99 \div 11 =$	$3,921 + 7,455 =$ _____	$7 \times 12 =$ _____
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$5 \times 6 =$	$11 \times 8 =$ _____	What number is halfway between 14 and 20?
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Name: _____

Natalie, Christian, Danielle, and Kayla watched television on Monday and Tuesday. On Monday they started watching at 8:00 p.m. and on Tuesday they started watching at 6:30 p.m. Their mother kept track of the time they each stopped watching.

On Monday the times they stopped watching TV were 10:00 p.m., 11:05 p.m., 9:30 p.m., and 10:10 p.m.

On Tuesday the times they stopped watching TV were 8:20 p.m., 7:00 p.m., 7:30 p.m., and 7:40 p.m.

1. Christian watched less TV on Tuesday. Christian only spent $\frac{2}{3}$ as much time watching TV on Tuesday as he did on Monday.
2. Danielle watched a total of three and one-third hours of TV on Monday and Tuesday.
3. Natalie watched less TV on Tuesday. Natalie only spent $\frac{6}{37}$ as much time watching TV on Tuesday as she did on Monday.

Natalie stopped watching TV at _____ on Monday and _____ on Tuesday.

Christian stopped watching TV at _____ on Monday and _____ on Tuesday.

Danielle stopped watching TV at _____ on Monday and _____ on Tuesday.

Kayla stopped watching TV at _____ on Monday and _____ on Tuesday.

$$99 \div 9 = \underline{\hspace{2cm}}$$

The letters D and W each have a line of symmetry. Name another letter between D and W that has a line of symmetry.

$$144 \div 12 = \underline{\hspace{2cm}}$$

Can 552 be evenly divided by 12? Circle:

552 is NOT evenly divisible by 12

552 is evenly divisible by 12

$$5 \times 10 = \underline{\hspace{2cm}}$$

$$40 \div 5 = \underline{\hspace{2cm}}$$

$$11 \times 8 = \underline{\hspace{2cm}}$$

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

Mental Math



= Do it
in your
head!

imagine 3 in your head

multiply 9

subtract 7

Add the tens digit to the ones digit.
Write the sum.

A

imagine 9 in your head

double it

add 1

subtract 8

Write the tens digit.

B

imagine 4 in your head

add 4

double it

subtract 9

subtract 2

add 9

Write the ones digit.

C

imagine 9 in your head

subtract 8

add 1

add 7

Write the number.

D

What is the sum?

A + B + C + D

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____e_____

4 before 16 _____

7 after 18 _____

8 before 19 _____

2 before 11 _____

5 after 19 _____

3 before 13 _____

9 before 12 _____

3 after 11 _____

6 before 17 _____

Name: _____

Add one set of parenthesis to each equation so that the equation is true.

$$(9 + 8) - 3 = 14$$

$$10 \div (6 + 4) = 1$$

$$2 + 10 \times 6 = 72$$

$$2 + 10 \times 6 = 62$$

$$2 \times 11 + 4 + 10 = 40$$

$$2 \times 11 + 4 + 10 = 36$$

$$11 - 11 + 4 + 12 = 16$$

$$3 \times 6 - 12 + 3 = 9$$

$$11 \div 11 + 6 \times 2 = 13$$

$$1 \times 11 + 10 - 4 = 17$$

$$5 + 2 - 11 \div 11 = 6$$

$$6 + 1 \times 5 + 7 = 18$$

$$8 + 1 \times 3 - 3 = 8$$

$$9 \times 9 + 12 - 10 = 83$$

$$2 + 3 \times 12 \div 3 = 20$$

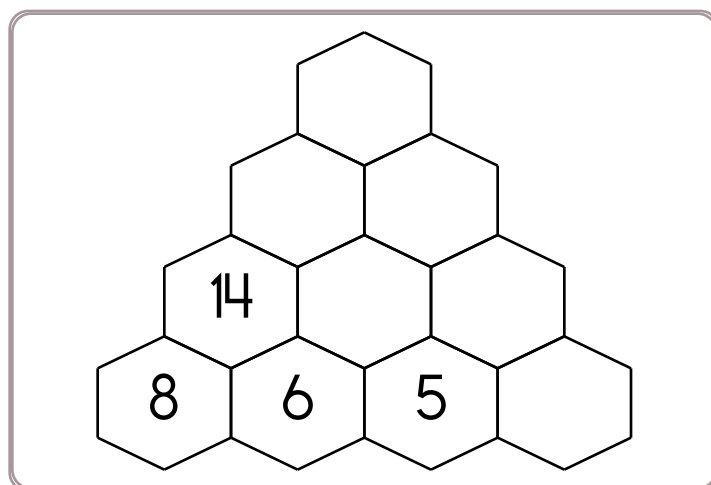
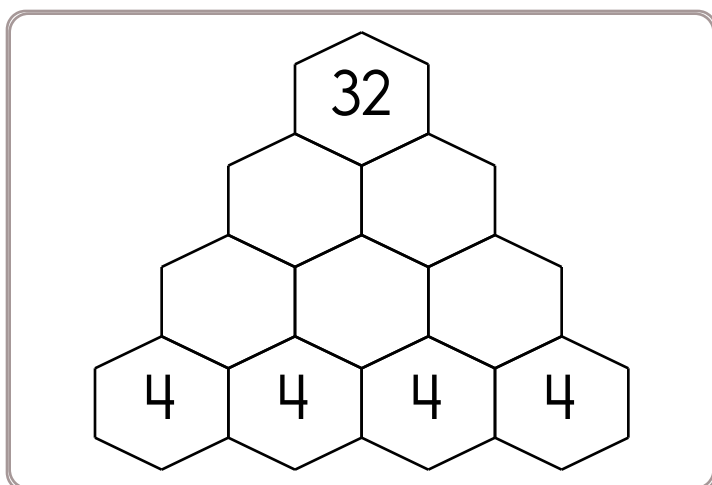
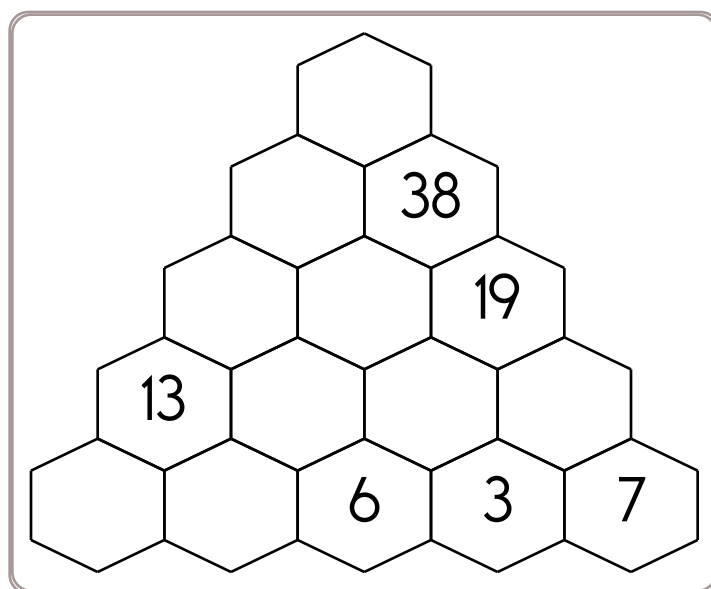
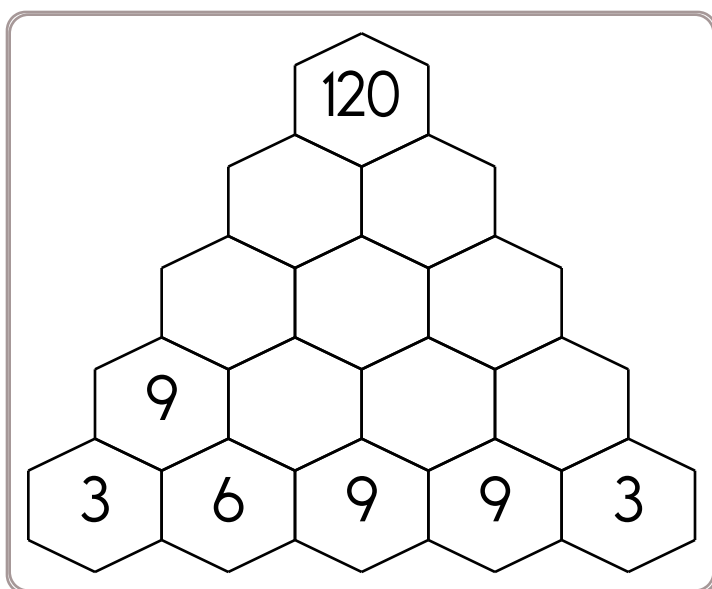
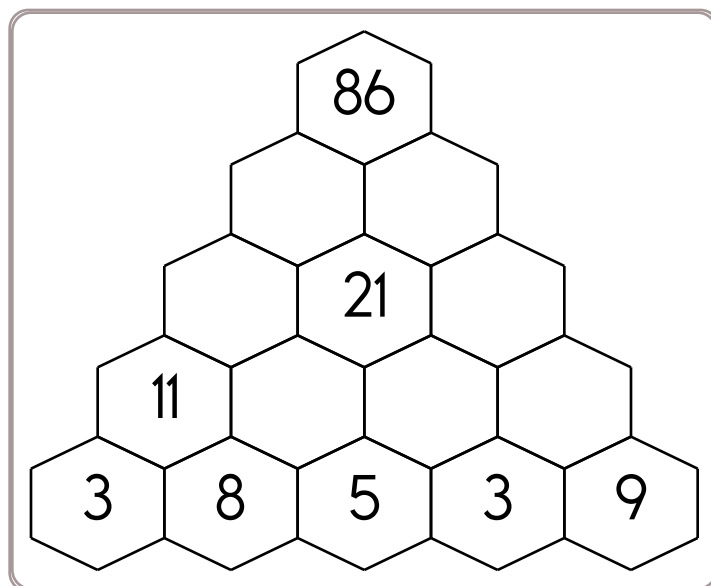
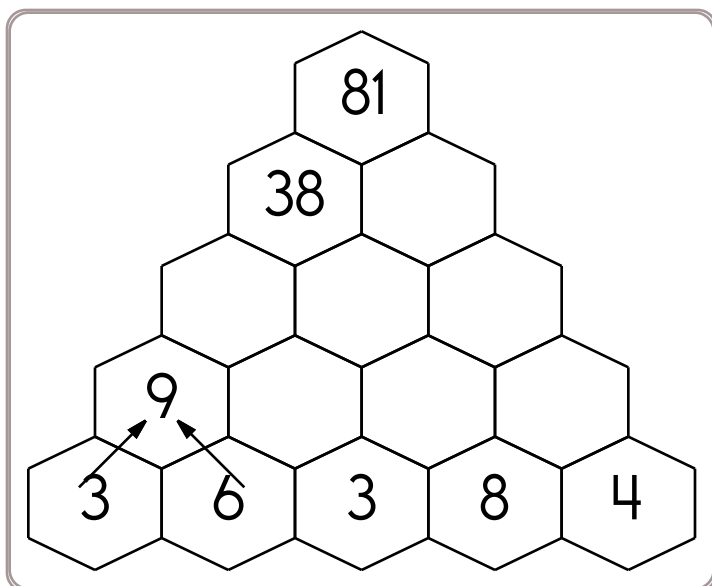
$$7 + 10 \times 11 \div 11 = 17$$

$$5 \times 5 + 12 + 10 = 95$$

$$1 + 8 - 5 + 4 = 8$$

Name: _____

Fill in the blanks by adding the two numbers below each hexagon.



Name: _____

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Use the fewest bills and coins to make \$51.18.

	\$20		
		1¢	

Use the fewest bills and coins to make \$27.44.

Use the fewest bills and coins to make \$41.57.

Use the fewest bills and coins to make \$56.43.

Circle the addition property
for $38 + 55 = 55 + 38$.

associative property
commutative property

$11 \times 2 = \underline{\hspace{2cm}}$

$10 \times 2 = \underline{\hspace{2cm}}$

word root **fin** can mean **end**

infinite, final

Name: _____

Complete each pattern, using the same rule. Write what the rule is.

10, _____, 14, 16, 18, 20, 22, 24

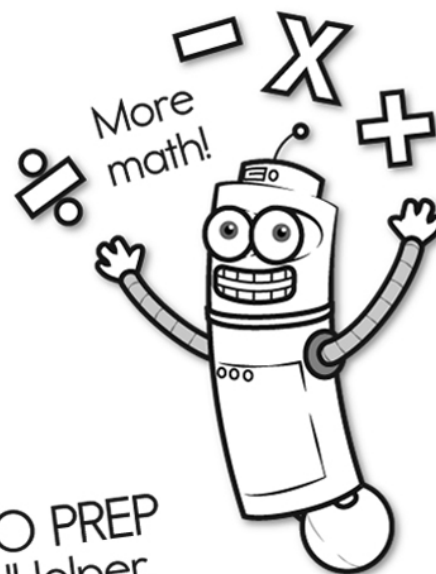
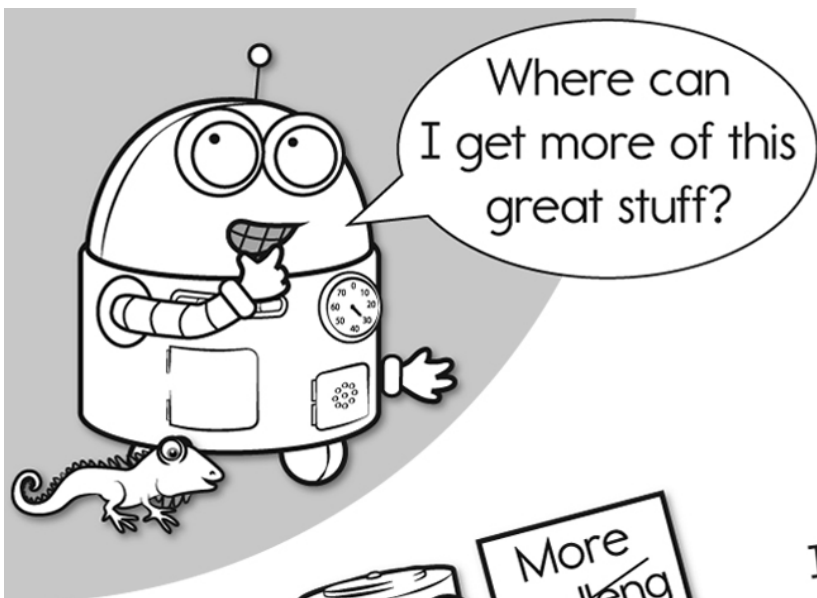
14, _____, _____, _____, _____, 24, 26, 28, 30, 32

_____, _____, 16, 18, 20, _____

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

12, 9, 2, 23, 34, 59, 116, 209, 384, 709, 1302, _____, _____

8, 7, 6, 21, 34, 61, 116, 211, 388, 715, _____, _____, _____



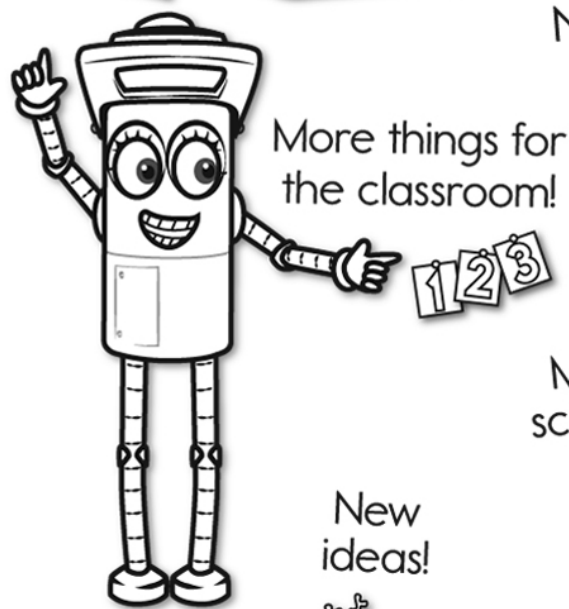
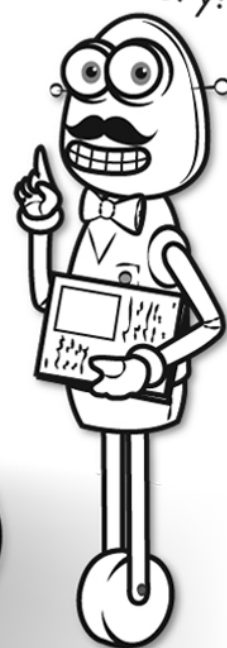
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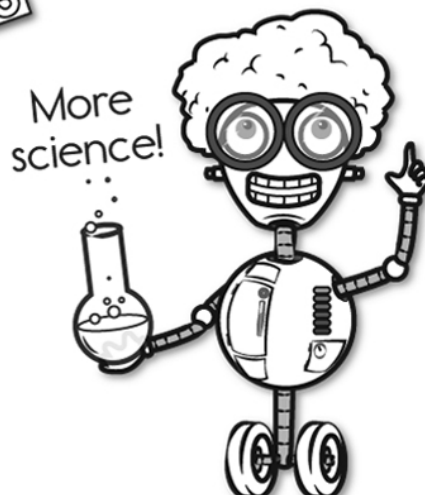


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