

Name: _____

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

A, J, J, A, J, J, A, __, __, A, J, J

J, H, H, J, __, H, J, __, __, J, H, H

G, P, P, __, __, P, G, P, P, G, P, __, __, P, P

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

If

$$1, 1 = 2$$

$$2, 2 = 4$$

$$3, 3 = 6$$

$$4, 4 = 8$$

Then

$$5, 5 = ?$$

If

$$4, 4 = 8$$

$$5, 5 = 10$$

$$6, 6 = 12$$

$$7, 7 = 14$$

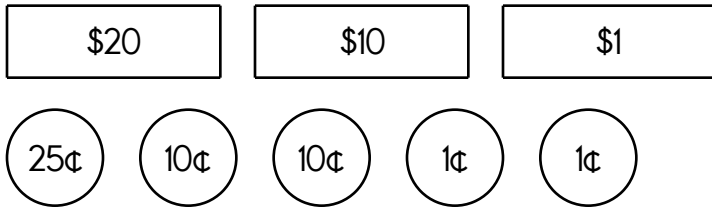
Then

$$8, 8 = ?$$

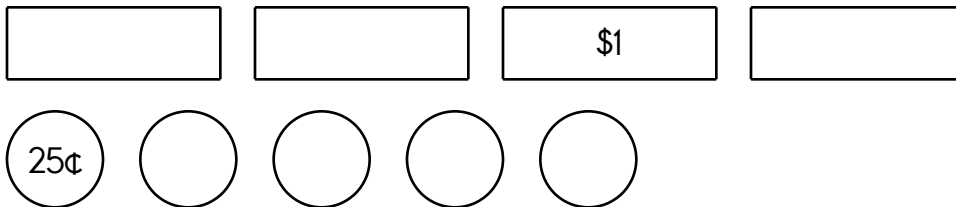
Name: _____

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

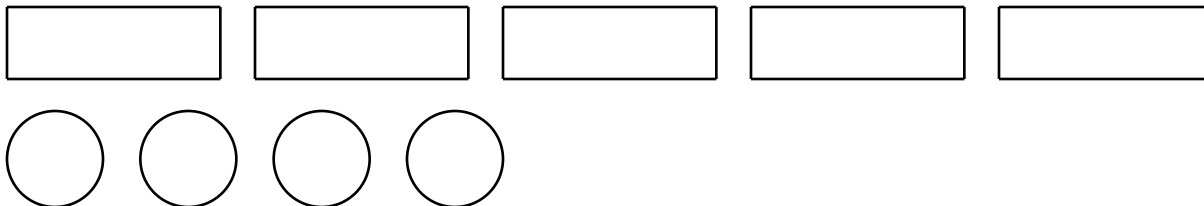
Use the fewest bills and coins to make \$31.47.



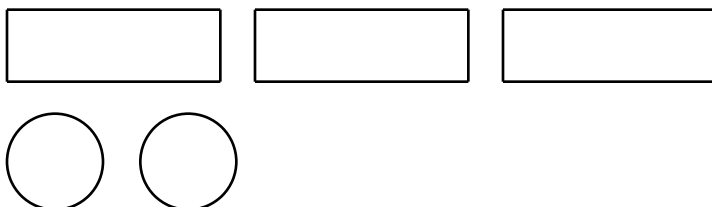
Use the fewest bills and coins to make \$27.53.



Use the fewest bills and coins to make \$37.28.



Use the fewest bills and coins to make \$12.15.



Circle the words.

frogfastcarrykidteameyebacksnowwaveasksixteenpile

Name: _____

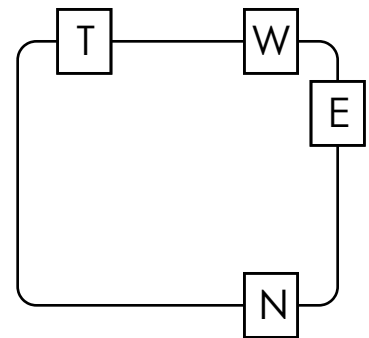
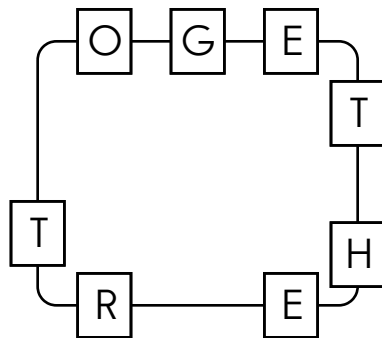
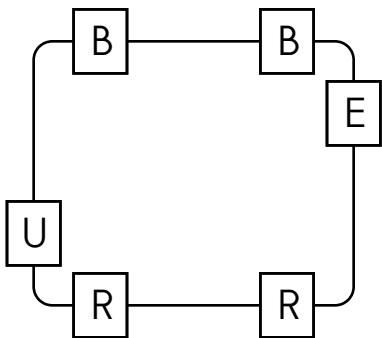
Emily hugged 15 people. Amy hugged 34 people. How many more people did Amy hug than Emily?

Jacob has many shells. He found them at the beach. He put them in groups of 12. He has 5 groups and 8 shells left over? How many shells does he have?

A Band-Aid costs 15¢. Write three ways Jacob could have just 15¢.

Max walked in the woods. He found 8 red leaves. He found 6 yellow leaves. He gave 5 leaves to his mother. How many leaves did he have left?

Write the hidden word. Start at one letter and then move either left or right. Continue in same direction.



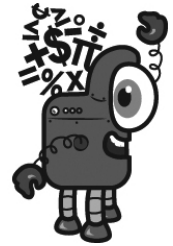
Name: _____

Mental Math

— #1 —

- Start with the number of sides on a quadrilateral.

4



- Multiply by 9.

7 5 4 1 3 6 5 4 6 7 (Circle your answer to double check you are correct.) _____

- Round that number to the nearest ten.

2 4 8 6 6 9 1 4 0 6 _____

- Double that number.

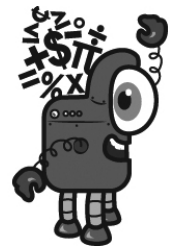
5 2 8 5 1 8 0 3 6 2 _____

Mental Math

— #2 —

- ⚙ Count by threes. Start with the number that comes after 4.

1 7 3 3 9 9 7 9 2 2 (Circle your answer to double check you are correct.) _____



- ⚙ Subtract 2.

5 3 9 5 4 4 2 1 5 4 _____

- ⚙ Increase that number by 4.

1 9 9 3 6 7 7 7 9 3 _____

- ⚙ Add 4 tens.

2 6 8 4 9 5 4 4 3 7 _____

Name: _____

A jar holds six red marbles and five blue marbles. How many marbles are in the jar?

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

There are _____ marbles in the jar.

When school started, Emma had seven pencils. Now she only has seven pencils. How many pencils did she lose?

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

She lost _____ pencils.

April picked some flowers for her mom. She picked three daisies and nine tulips. How many total flowers did she pick for her mom?

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

She picked _____ flowers for her mom.

Fill in the blank with a number.

91 < _____ _____ > 34 _____ = 48

_____ > 27 87 > _____ 48 > _____

_____ > 61 _____ > 22 26 < _____

Nathan is playing with clay. First, he made twelve small balls of clay. Then he flattened twelve of the balls. How many balls of clay does Nathan have left?

He has _____ balls of clay.

w f a l l
u p o n n
y n v z s
o p h a p
u a o a h

Word Bank
fall upon

_____ tens _____ ones

Number = _____

Show 7 o'clock.

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

3 is more than

3 4 2

9 tens and 3 ones

9 3 93

ten

10 11 14

Write the missing sign.

$9 \underline{\quad} 1 = 10$

Count by 3s.

10 _____ 16

zero

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

Name: _____

<p>Cindy is four years older than her little brother. He is three years old. How old is Cindy?</p>	<p>Anna did 5 math problems. Then she did 3 more problems. How many did she do in all?</p>	<p>Hunter planted 7 cherry trees. Jacob planted 6 plum trees. How many trees did the two boys plant?</p>
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Count by 2s. Color the numbers red.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Count by 2s.

2 4 6 _____

12 _____

Count by 2s. 8 _____ 12	$8 + 6 = \square$	$2 + 3 = \square$	$9 + 3 = \square$	$4 + 5 = \square$
--------------------------------------	-------------------	-------------------	-------------------	-------------------

$9 + 0 = \underline{\hspace{2cm}}$ <input type="radio"/> 90 <input type="radio"/> 2 <input type="radio"/> 9	$6 - 6 = \underline{\hspace{2cm}}$ <input type="radio"/> 1 <input type="radio"/> 14 <input type="radio"/> 0	8 tens and 1 one <input type="radio"/> 1 <input type="radio"/> 81 <input type="radio"/> 8
--	--	--

Name: _____

Addition and Subtraction Within 10

$9 - 4 = \underline{\quad}$	$2 + 8 = \underline{\quad}$	$9 - 8 = \underline{\quad}$	$7 + 2 = \underline{\quad}$
$4 + 5 = \underline{\quad}$	$9 - 8 = \underline{\quad}$	$10 - 2 = \underline{\quad}$	$10 - 2 = \underline{\quad}$
$2 + 8 = \underline{\quad}$	$6 + 4 = \underline{\quad}$	$8 + 1 = \underline{\quad}$	$10 - 6 = \underline{\quad}$
$10 - 6 = \underline{\quad}$	$5 + 4 = \underline{\quad}$	$10 - 7 = \underline{\quad}$	$4 + 4 = \underline{\quad}$
$10 - 2 = \underline{\quad}$	$9 - 2 = \underline{\quad}$	$10 - 2 = \underline{\quad}$	$1 + 8 = \underline{\quad}$

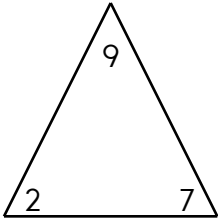
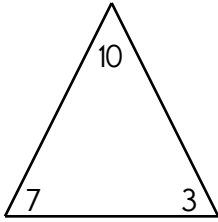
$\begin{array}{r} 2 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$
$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$
$\begin{array}{r} 6 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$
$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$

$8 + 2 = \underline{\quad}$	$10 - 2 = \underline{\quad}$	$10 - 2 = \underline{\quad}$	$10 - 6 = \underline{\quad}$
$2 + 7 = \underline{\quad}$	$6 + 4 = \underline{\quad}$	$5 + 4 = \underline{\quad}$	$9 - 4 = \underline{\quad}$
$8 + 2 = \underline{\quad}$	$4 + 4 = \underline{\quad}$	$9 - 8 = \underline{\quad}$	$3 + 7 = \underline{\quad}$

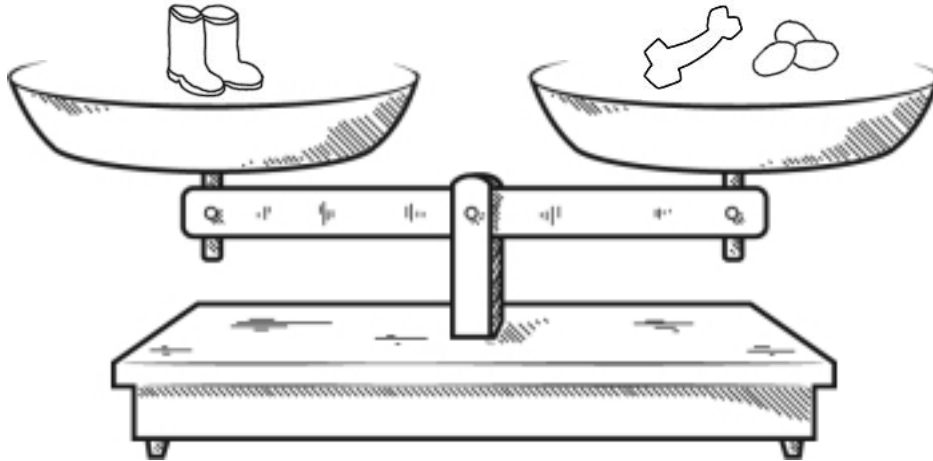
Name: _____

Addition and Subtraction Within 10

$7 - 1 = \underline{\quad}$	$10 - 7 = \underline{\quad}$	$9 - 4 = \underline{\quad}$	$7 - 6 = \underline{\quad}$	$10 - 2 = \underline{\quad}$
$7 - 3 = \underline{\quad}$	$10 - 6 = \underline{\quad}$	$7 - 3 = \underline{\quad}$	$7 - 7 = \underline{\quad}$	$7 - 6 = \underline{\quad}$
$10 - 2 = \underline{\quad}$	$7 - 7 = \underline{\quad}$	$7 - 7 = \underline{\quad}$	$1 + 7 = \underline{\quad}$	$7 - 7 = \underline{\quad}$
$7 - 7 = \underline{\quad}$	$9 - 4 = \underline{\quad}$	$10 - 6 = \underline{\quad}$	$7 - 7 = \underline{\quad}$	$7 - 2 = \underline{\quad}$
$3 + 7 = \underline{\quad}$	$8 - 7 = \underline{\quad}$	$10 - 2 = \underline{\quad}$	$7 - 3 = \underline{\quad}$	$7 + 1 = \underline{\quad}$
$9 - 7 = \underline{\quad}$	$10 - 2 = \underline{\quad}$	$10 - 2 = \underline{\quad}$	$8 - 4 = \underline{\quad}$	$8 - 4 = \underline{\quad}$
$9 - 8 = \underline{\quad}$	$9 - 8 = \underline{\quad}$	$1 + 7 = \underline{\quad}$	$3 + 7 = \underline{\quad}$	$7 - 3 = \underline{\quad}$
$7 - 6 = \underline{\quad}$	$7 - 7 = \underline{\quad}$	$3 + 7 = \underline{\quad}$	$9 - 2 = \underline{\quad}$	$10 - 7 = \underline{\quad}$
$1 + 7 = \underline{\quad}$	$9 - 2 = \underline{\quad}$	$7 - 1 = \underline{\quad}$	$9 - 7 = \underline{\quad}$	$7 + 3 = \underline{\quad}$

<p>Fill in the blanks using numbers from the fact family.</p> 	<p>Fill in the blanks using numbers from the fact family.</p> 
<input type="text"/> + <input type="text"/> = <input type="text"/>	<input type="text"/> + <input type="text"/> = <input type="text"/>
<input type="text"/> + <input type="text"/> = <input type="text"/>	<input type="text"/> + <input type="text"/> = <input type="text"/>
<input type="text"/> - <input type="text"/> = <input type="text"/>	<input type="text"/> - <input type="text"/> = <input type="text"/>
<input type="text"/> - <input type="text"/> = <input type="text"/>	<input type="text"/> - <input type="text"/> = <input type="text"/>

Name: _____



It may help to give values to pictures.

$$\text{Three eggs} = \underline{13}$$

$$\text{Boots} = \underline{19}$$

$$\text{Bone} = \underline{\quad}$$

You should only mark TRUE if you are absolutely sure it is correct!

$$\text{Bone and three eggs} = \text{Boots}$$

True

False

$$\text{Boots} > \text{Bone}$$

True

False

$$\text{Boots} < \text{Bone and three eggs}$$

True

False

$$\text{Boots} < \text{Bone}$$

True

False

$$\text{Boots, Bone, Bone} = \text{Bone, Eggs, Bone}$$

True

False

$$\text{Boots and three eggs} = \text{Bone, Eggs, and three beach balls}$$

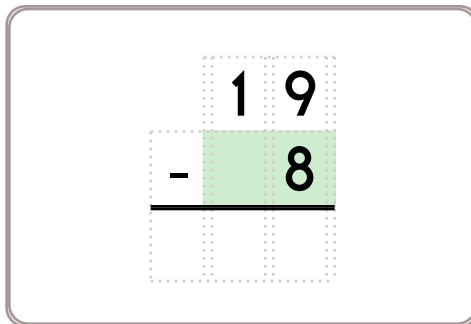
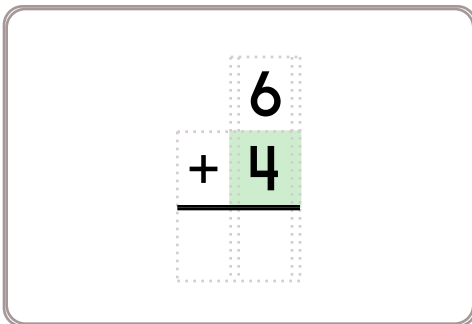
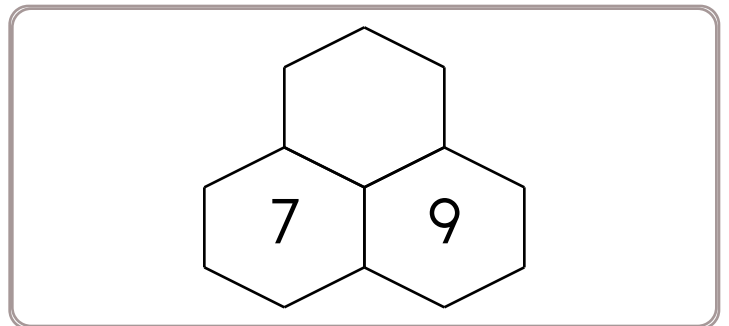
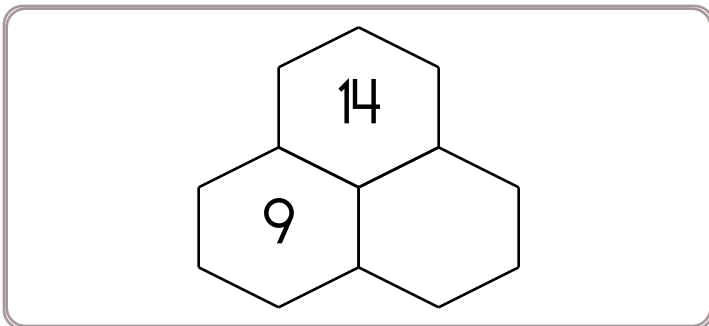
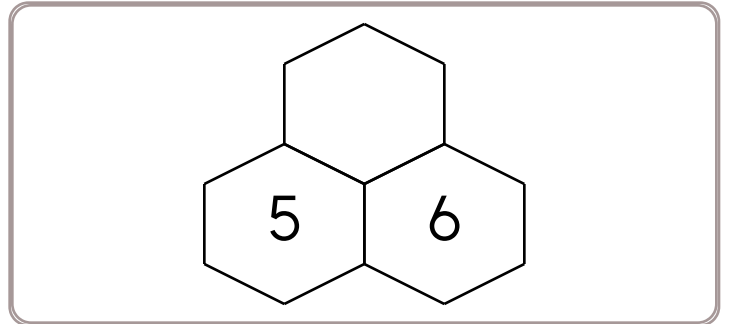
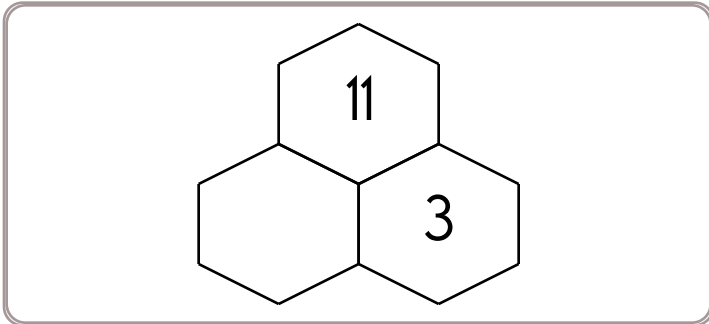
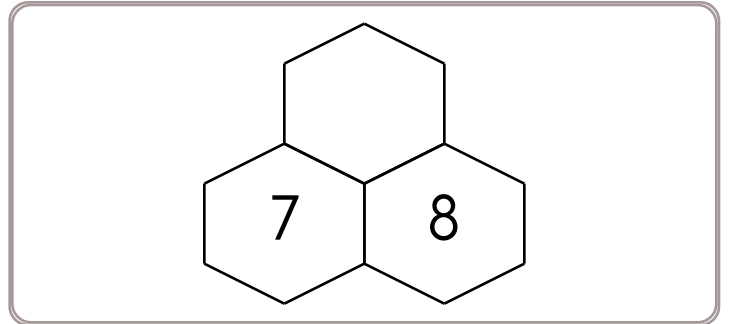
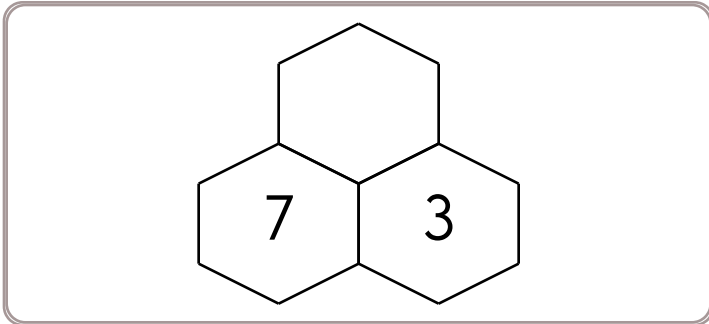
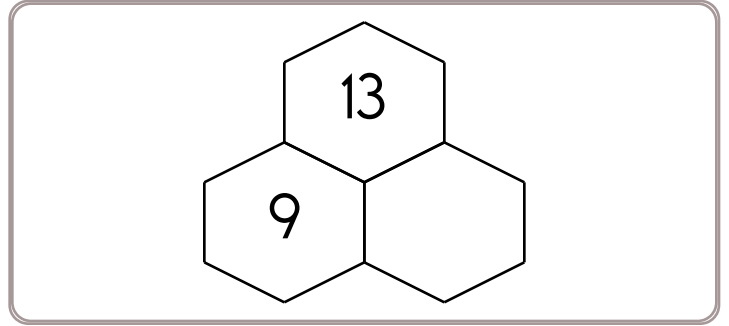
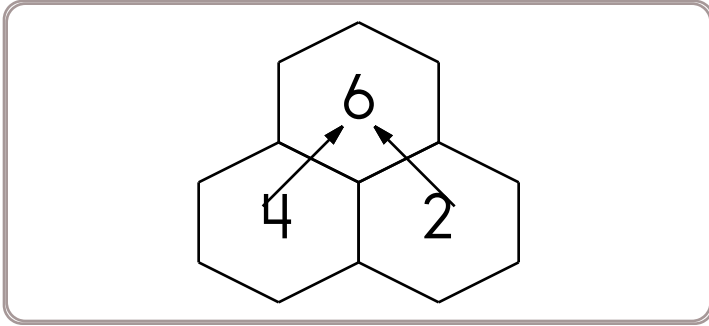
True

False

Did you find that two are true? If not, look again!

Name: _____

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



Circle all the ways to make 15.

- 4 + 10 5 + 10 13 + 2
8 + 7 4 + 11 7 + 7

Name: _____

Complete each analogy with the best word.

February	hop	feet	smell
magic	fur	romance	March
vine	mess	stamps	hope
honor	scream	back	

believe : know ::

wish : _____

goggles : eyes ::

fins : _____

Thanksgiving : gratitude ::

Memorial Day : _____

bird : fly ::

rabbit : _____

grocery store : food ::

post office : _____

fun house : laugh ::

roller coaster : _____

Fourth of July : July ::

Valentine's Day : _____

apple : tree ::

grape : _____

blink : eye ::

sneeze : _____


eyes : see ::

nose : _____

EWTEDRISLULWLR T
 ISASVSCSEONEIWE
 NALDHOP EWP RYOVL
 ODOX TSNOWS TORME
 OTWMWUCE EMC B THV
 SATAMERCURYBSWI
 PFENEWYLFELDEAS
 EENRRSEWUTRNENI
 HERBRSTAMP SFSBO
 TTJUMPS E L THROWN
 ACBUNVYWTNBDYFL
 BOARUNSAFWLWJES
 LOTRBNSEVINESAT
 EMTROURIEEOBUTR
 CWLUDNYRSRCRKH
 LTEL YLSLNBE OIET
 OESEELBNBERWNRE
 TSELNTONLARND SN
 HEHSNNISLNHOPFD
 RWSOICBLNWINTER

FEET • VINE • HOP • SAD
 SNOWSTORM • BATTLES
 BODY • SEW • JUMPS
 MERCURY • TABLECLOTH
 FEATHERS • STAMPS • WINTER
 THROW • KIND • HOPE
 TELEVISION • BROWN • ONE

Name: _____



25¢




\$1




_____ **¢**




_____ **\$**



_____ **¢**



_____ **¢**




_____ **\$**



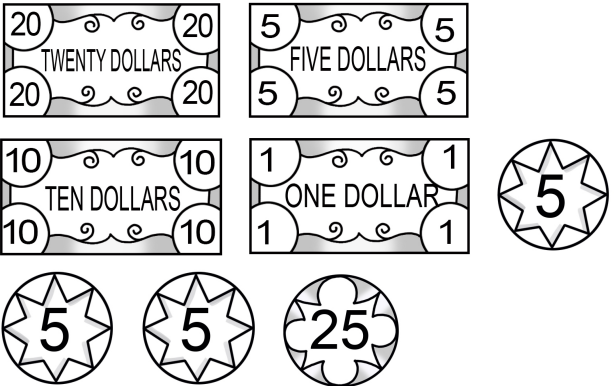
\$10.01



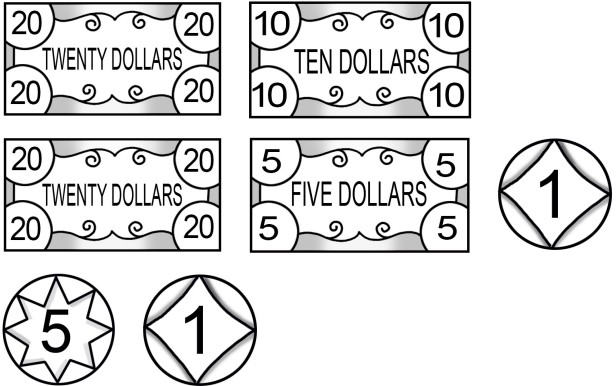
_____ **\$**



_____ **\$**



_____ **\$**



_____ **\$**



_____ **\$**

Name: _____

Complete the pattern.

3 6 9 12 15 18 21

5 10 15 20 25 30 35

2 4 6 8 10 12 14

1 2 3 4 5 6 7

Complete the pattern.

4 8 12 16 20 24

9 12 15 18 21 24

4 5 6 7 8 9

Name: _____

Complete the pattern.

25 30 35 40 45

4 6 8 10 12

16 20 24 28 32

9 12 15 18 21

Complete the pattern.

8 12 16 20 24

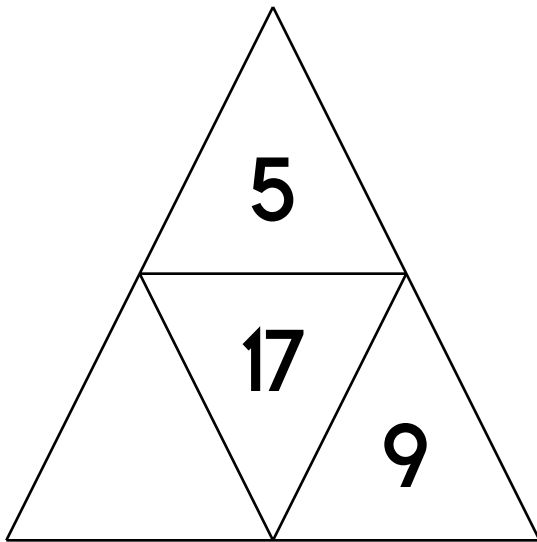
10 12 14 16 18

5 6 7 8 9

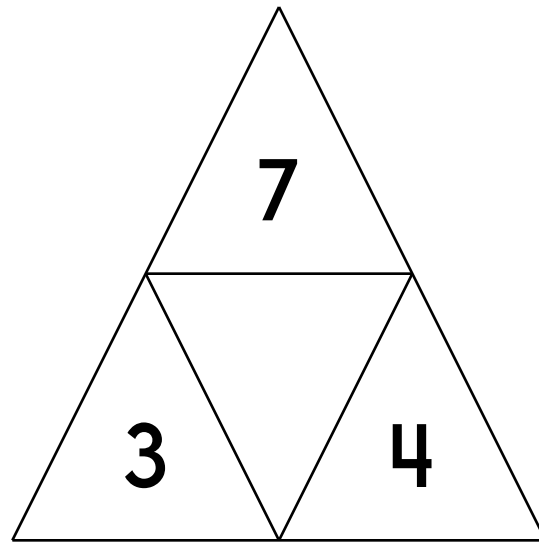
Name: _____

The number in the middle is the sum of the other three numbers.
Fill in the missing numbers.

Triangle Sums



$5 + \underline{\quad} + 9 = 17$



$7 + 3 + 4 = \underline{\quad}$

Eric found four Easter eggs. Then he found two more Easter eggs. How many Easter eggs does he have?

He has _____ Easter eggs.

Circle the two numbers that make 11.

4 7 6

8 5 3

2 6 5 4

2 9 7 3

What is the difference for $12 - 2$?

- 7 13 10
 9

sixteen

- 16 6 13

Which shows a way to make 14?

- $10 + 4$ $10 + 3$
 $7 + 2$ $8 + 3$

SHOULD Y E L S S A W H G S H O U L D S O U L D S
COAT A F A B Y W C O A T N C D O C O N A T J A
WIND S W I N D I W N W K N L W I N D W D W Z N
JET K J E V J J I T Y T E J E T E E W L A J T
ME F N X E P M E E H B E E M M Z Y M M E D M

Name: _____

Write how much to add to get from the first number to the second number.

2 (+5) 7	5 (+) 8	6 (+) 10	4 (+) 10	3 (+) 6
7 () 13	9 () 13	1 () 6	8 () 13	3 () 6
8 () 12	1 () 7	7 () 12	9 () 15	6 () 10

I think I am going to fall.

I think I am going to fall.

What is the difference for 15 - 2?

- 1 13 8 7

11 - 9 = _____

- 9 7 2

fifteen

- 15 1 0

CLAP R A U C L A P L G P C L A A P L P D F J V L
DAY Y D A Y Y E I H D A Y A T Y A A Y N Z S X D
GREW T G L H G R E E W R W W J K G R E W R R E E
CHOP Q P P O H T C H O P O K H C C H U P H R C O
NOTE U K R T N D Z N U T A J O N O T E O N E S T
INCH S E N T H F L B A I N C H U X I N C H E I C
CANE C A C A N E A M S J C E E N A C C A N C E E
THING T H I N G X T T N D J R M P I G T H I N K G

word root **fract** can mean **break**

fractional, fracture, infraction

Name: _____

Find 2 equations hidden in each box. Good luck!

$3 + 7$

15

$6 + 2$

$5 + 2$

$2 + 0$

7

10

$9 + 3$

Write 2 equations: _____

4

3

2

$6 - 0$

$6 - 4$

6

5

$9 - 1$

Write 2 equations: _____

4

$6 + 3$

12

$8 + 8$

$5 + 7$

$9 + 4$

17

9

Write 2 equations: _____

Name: _____

Complete the pattern.

15 20 25 30 35 40 45 _____

8 12 16 20 24 28 32 _____

12 15 18 21 24 27 30 _____

8 10 12 14 16 18 20 _____

$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 8 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

Double two.

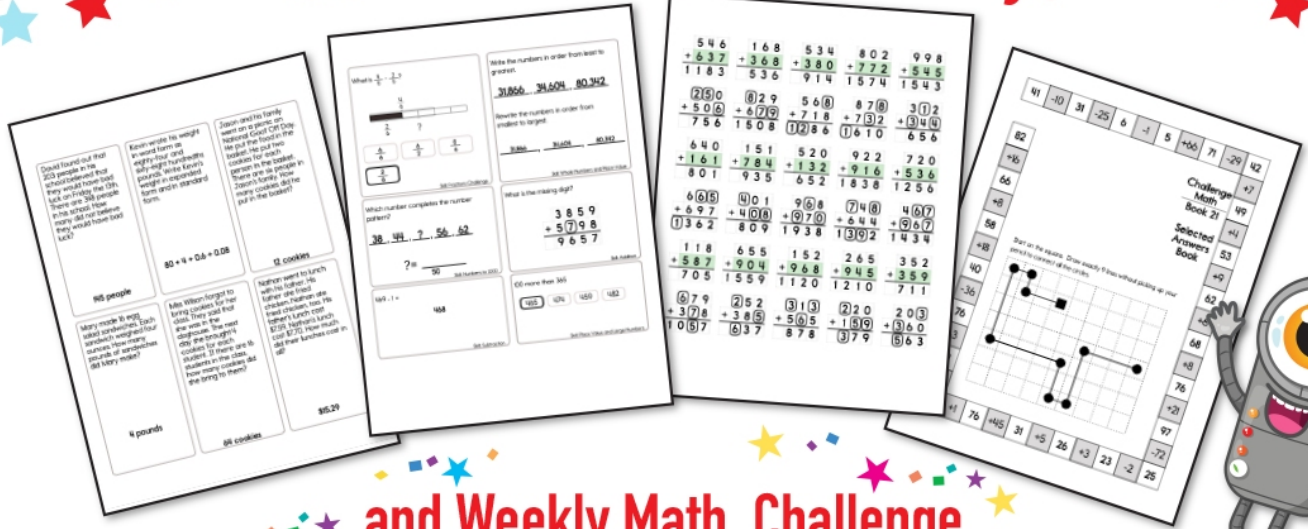
What is ten less than 77?

What is ten more than 88?

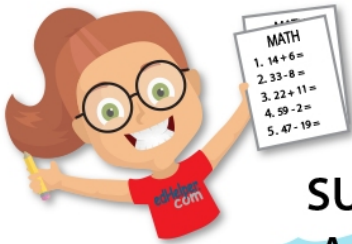
SEVEN S E V E N S T E S S E V E N E N V A E V I

SHOW S H S H O W M O S D H X E S H O O W I P J

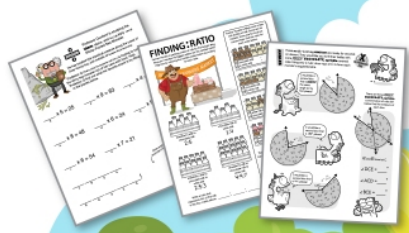
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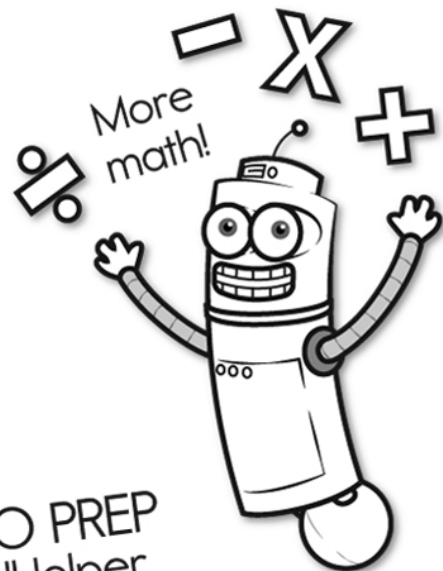
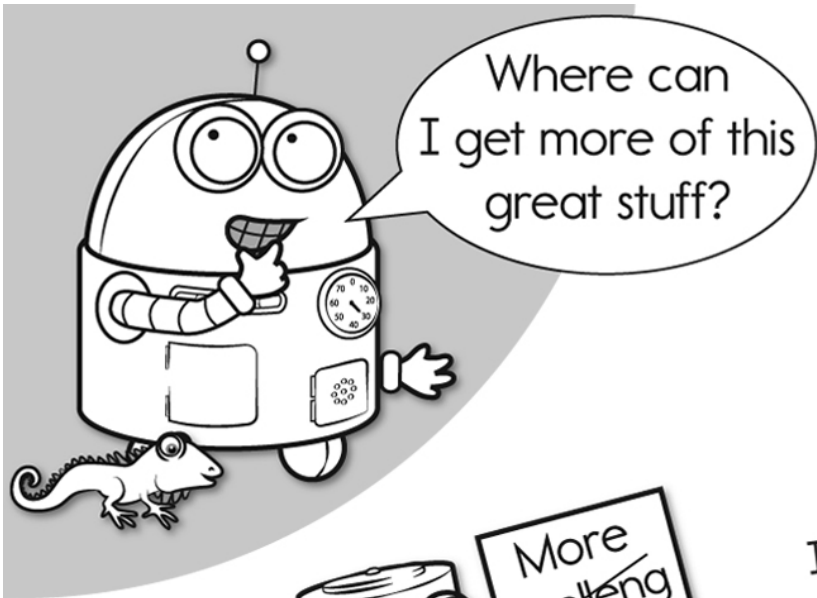
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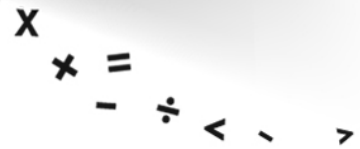
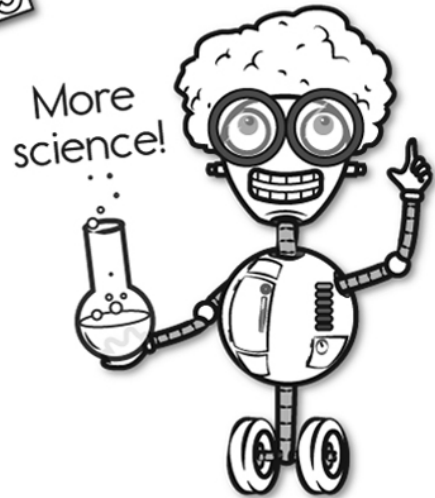
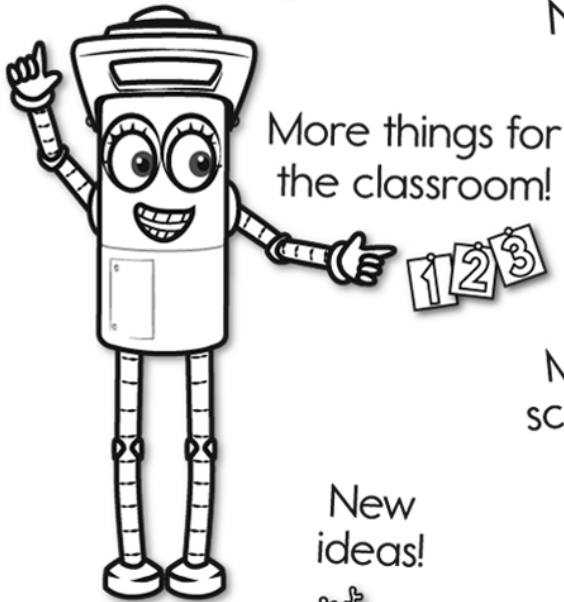


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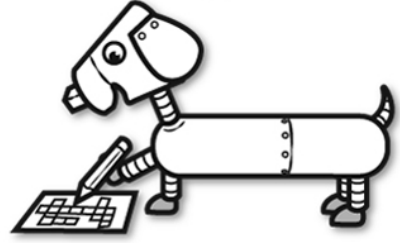


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