

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 6 in your head

double it

Write the number.

A B

imagine 4 in your head

add 9

add 4

Write the number.

C D

imagine 5 in your head

subtract 5

add 8

Write the number.

E

imagine 7 in your head

add 1

subtract 4

Write the number.

F

What is the sum?

$$A + B + C + D + E + F$$

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

_____ n t - r _____

4 after 17 _____

9 before 18 _____

3 after 19 _____

6 after 13 _____

5 before 17 _____

2 after 18 _____

5 after 11 _____

3 before 19 _____

7 after 15 _____

9 after 14 _____

8 before 13 _____

8 after 12 _____



Name: _____

Get a fidget spinner! Spin it.

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

$5 + 5 + 1 = \underline{\quad}$

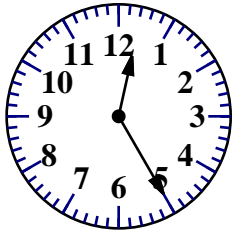
$5 + 5 + 2 = \underline{\quad}$

What is ten less than 74?

Circle all the ways to make 12.

$6 + 6$ $1 + 11$ $6 + 5$
 $7 + 5$ $9 + 3$ $1 + 12$

What time is it?



____:____

Estimate. Holly took a cup and filled it with pencils. How many could she fit into the cup?

How much is this?



Which shows the equation one plus nine equals ten?

4, 7, 10, _____, _____, 19,

Count by 3s. Which number should replace the second blank?

70, 84, 98, _____, 126, 140,

154

Name: _____



$8 + 11 =$

$9 + 6 =$

$12 + 4 =$

$2 + 5 =$

$10 + 8 =$

$6 + 10 =$

$8 + 4 =$

$11 + 9 =$

$3 + 3 =$

$11 + 5 =$

$9 + 12 =$

$5 + 2 =$

$$\begin{array}{r} 12 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 12 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$$

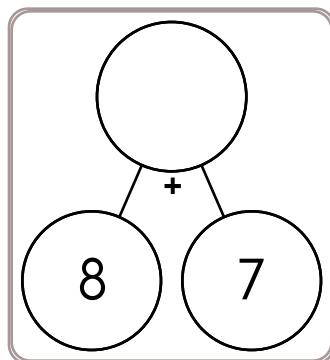
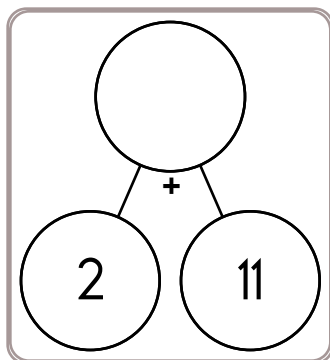
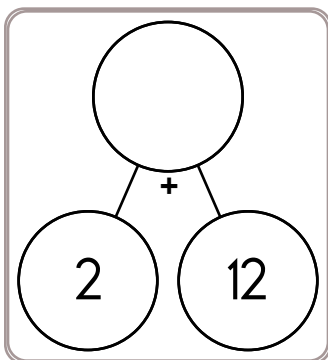
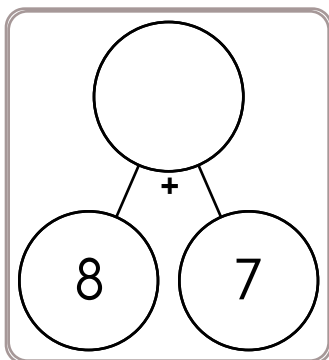
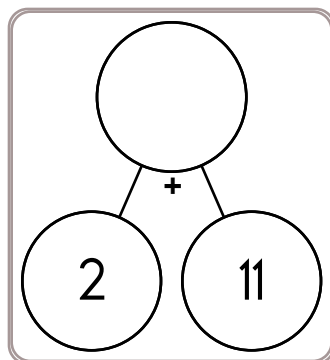
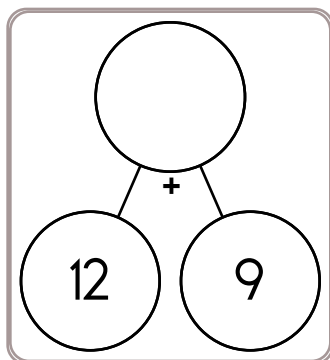
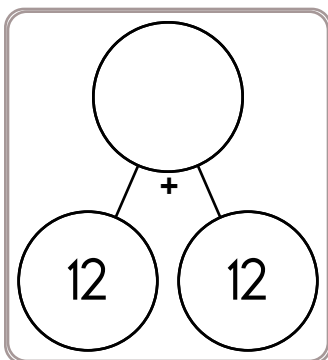
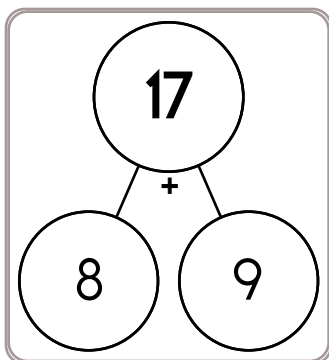
$$\begin{array}{r} 2 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 11 \\ \hline \end{array}$$

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



Name: _____

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

$\begin{array}{r} \square \\ + 7 \\ \hline 16 \end{array}$	$\begin{array}{r} 8 \\ + \square \\ \hline 17 \end{array}$	$\begin{array}{r} 8 \\ + \square \\ \hline 14 \end{array}$	$\begin{array}{r} 1 \\ + \square \\ \hline 8 \end{array}$	$\begin{array}{r} 6 \\ + 5 \\ \hline \square 1 \end{array}$	$\begin{array}{r} 5 \\ + \square \\ \hline 7 \end{array}$	$\begin{array}{r} 6 \\ + \square \\ \hline 7 \end{array}$	$\begin{array}{r} 4 \\ + \square \\ \hline 10 \end{array}$	$\begin{array}{r} 8 \\ + \square \\ \hline 10 \end{array}$
--	--	--	---	---	---	---	--	--

$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$
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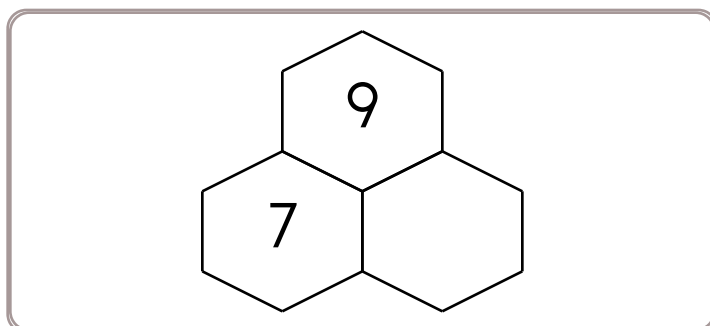
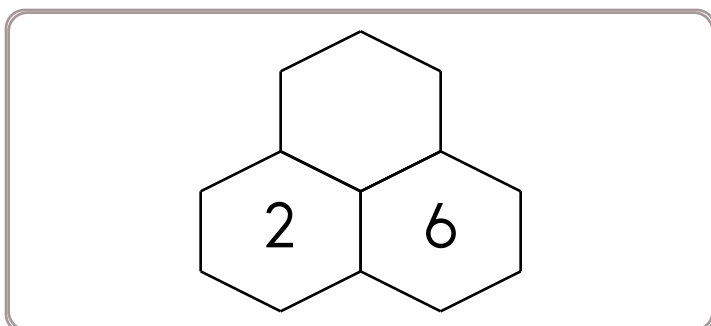
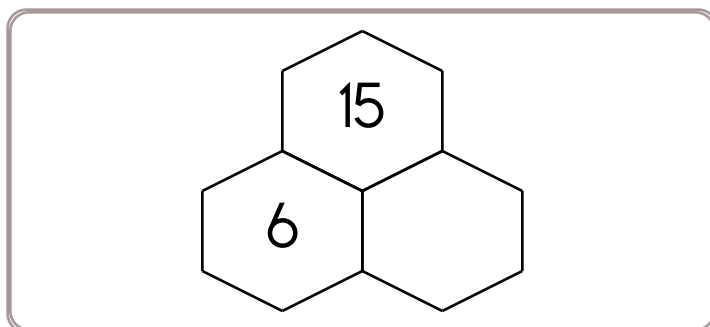
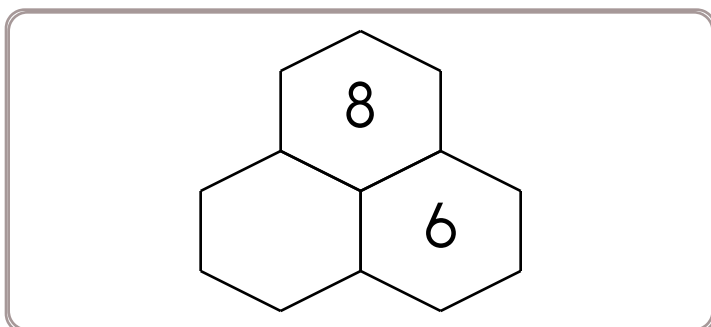
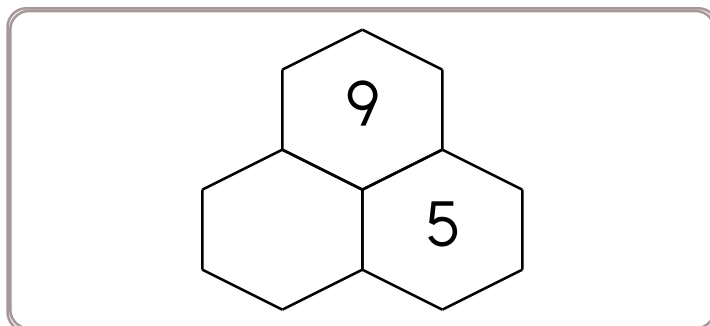
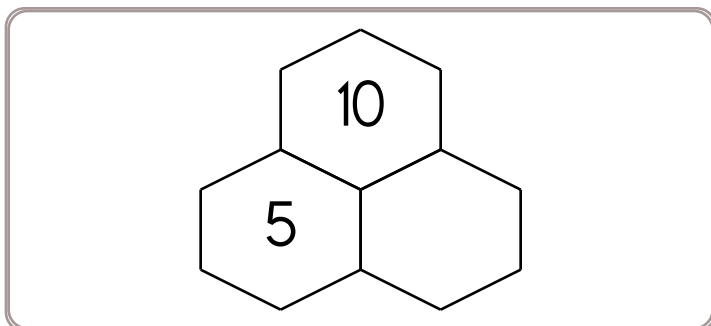
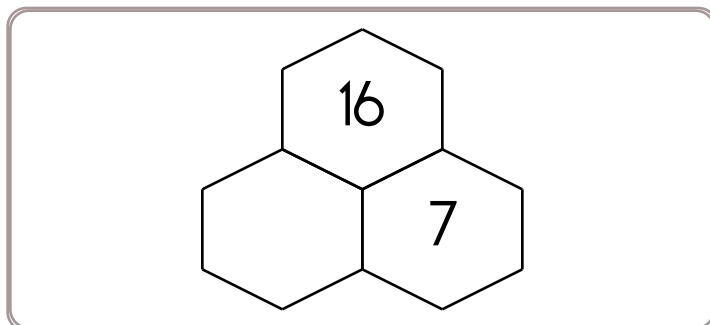
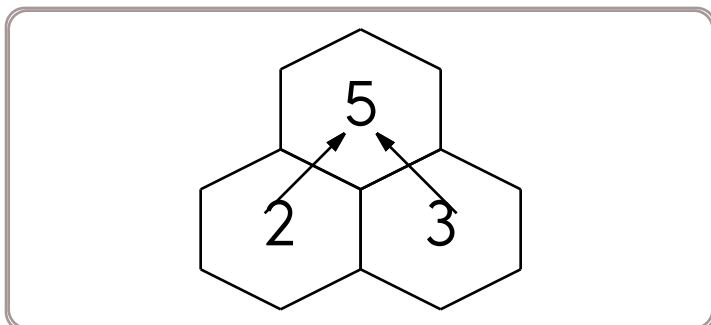
$\begin{array}{r} \square \\ + 7 \\ \hline 12 \end{array}$	$\begin{array}{r} 1 \\ + 9 \\ \hline \square 0 \end{array}$	$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$	$\begin{array}{r} 5 \\ + \square \\ \hline 11 \end{array}$	$\begin{array}{r} \square \\ + 8 \\ \hline 9 \end{array}$	$\begin{array}{r} 6 \\ + \square \\ \hline 15 \end{array}$	$\begin{array}{r} \square \\ + 3 \\ \hline 9 \end{array}$	$\begin{array}{r} 9 \\ + \square \\ \hline 14 \end{array}$	$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$
--	---	---	--	---	--	---	--	---

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

$\begin{array}{r} 6 \\ + \square \\ \hline 8 \end{array}$	$\begin{array}{r} 3 \\ + \square \\ \hline 7 \end{array}$	$\begin{array}{r} \square \\ + 9 \\ \hline 18 \end{array}$	$\begin{array}{r} \square \\ + 3 \\ \hline 11 \end{array}$	$\begin{array}{r} \square \\ + 7 \\ \hline 13 \end{array}$	$\begin{array}{r} 8 \\ + \square \\ \hline 9 \end{array}$	$\begin{array}{r} 4 \\ + \square \\ \hline 9 \end{array}$	$\begin{array}{r} 7 \\ + \square \\ \hline 10 \end{array}$	$\begin{array}{r} 2 \\ + \square \\ \hline 9 \end{array}$
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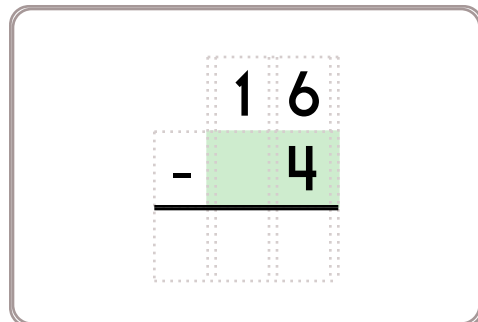
Name: _____

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



What is ten more than 88?

$18 - \underline{\quad} = 13$



Name: _____

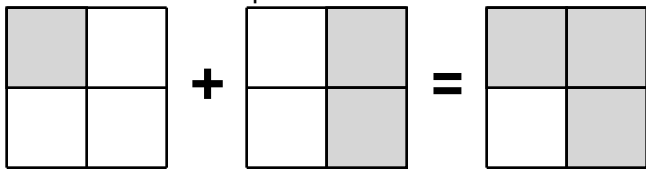
Adam baked 9 cookies. He needs 24 in all. How many more cookies does he need?

Kayla had 5 quarters and 4 dimes. She bought an ice cream cone for 90¢. How much money did she have left?

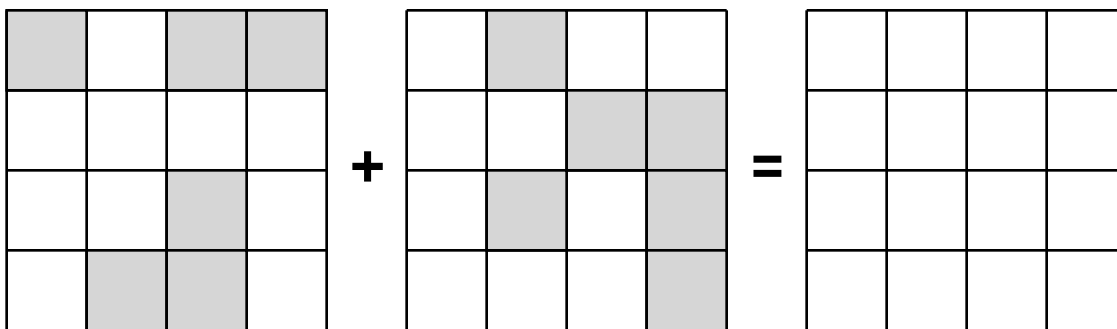
Molly saw 10 seagulls. Then she saw 16 more. How many seagulls did Molly see?

Jack cut out 19 paper snowflakes. He put 13 on his window. How many did he have left?

Here is an example of shade box addition:



Complete this shade box addition.



6 + 6 = _____

- kleen
- claenn
- klean
- clean

12 - 6

Name: _____

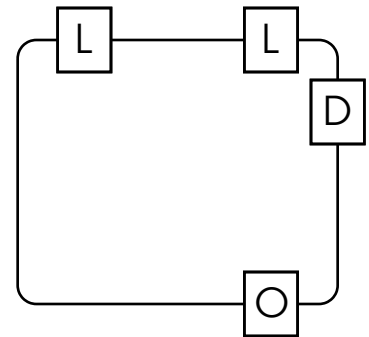
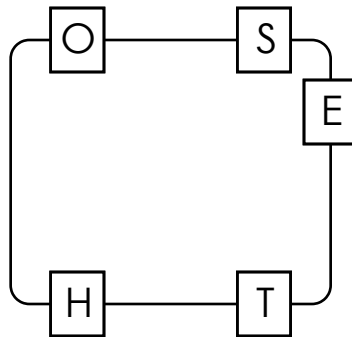
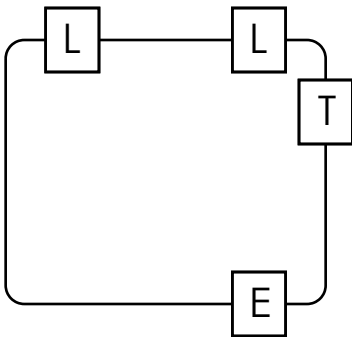
Eric had 18 apple seeds. He planted 10 of them. How many apple seeds does he have left?

Mrs. Clark has 23 plants. It got very hot one day. Some plants died. She had 19 plants left. How many plants died?

Jessica asked Jacob how many cows he saw. He said there were fewer than 15. There were more than 13. How many cows did Jacob see?

Sara made a pie. She used 5 apples in the pie. She wants to make 2 pies. How many apples will she need?

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



Count by 4s.

18 22 _____



Name: _____

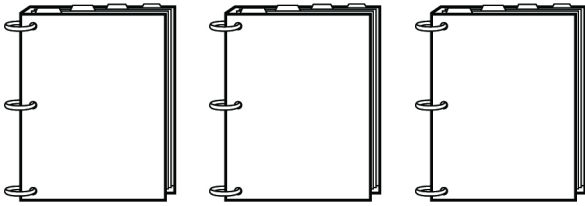
Circle each letter K you see.

S K K Q H D K T Y M K K K K K

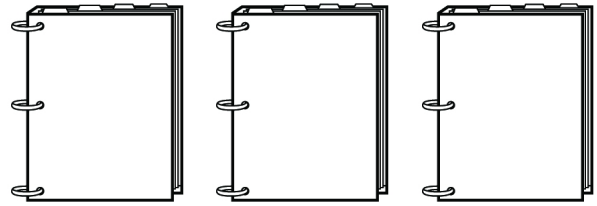
Write the letters in order.

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

U O I



F L Z



1 2 3 4 5 6 7 8 9 10

$$7 + 2 = \underline{\quad}$$

$$7 + 2 = \underline{\quad}$$

Draw ○

1 2 3 4 5 6 7 8 9 10

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

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

Draw □ and ○

1 2 3 4 5 6 7 8 9 10

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

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

The light never went out.

The light never went out.



Name: _____

Trace and write.

be be be be be

Color in the four months that follow April.

January	February	March	April
May	June	July	August
September	October	November	December

Which shows a way to take apart 8?

- $8 + 8 = 16$
- $9 + 1 = 10$
- $8 - 6 = 2$

Which is a doubles fact?

- $2 + 3 = 5$
- $8 + 8 = 16$
- $5 + 3 = 8$

$12 - 8 = \underline{\hspace{2cm}}$

- 4
- 6
- 5

Write the missing sign.

$11 \underline{\hspace{0.5cm}} 7 = 18$



Name: _____

d h w a z s y h s f l h y a d d p l o j y y l t j y y n h y y c b b y t y l l g c f a f y b s z b o k o w o s p y h y f d y p o h l o h h y l f	I am a number. I am larger than fourteen. I am smaller than sixteen. What number am I? _____	8 - 4		
Look for these words BACKWARDS in the word search: hop shy day fly	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px; text-align: center;">13 - 7</td> <td style="width: 50%; padding: 5px; text-align: center;">3 + 8</td> </tr> </table>	13 - 7	3 + 8	8 - 5
13 - 7	3 + 8			

Color in the boxes.

then = black, them = green,
 does = red, long = orange,
 before = green, ran = red,
 laugh = black, tell = orange

What is the hidden number? _____

long	long	tell	tell	tell	laugh
long	ran	laugh	before	ran	them
tell	them	does	before	then	then
long	long	tell	tell	long	them
laugh	does	before	ran	laugh	tell
them	ran	laugh	them	before	tell
tell	long	long	tell	tell	does



Name: _____

<p>Amanda saw a red bug. Jack saw four white bugs. How many more bugs did Jack see?</p>	<p>Anne has more than 5 apples. She has fewer than 7 apples. How many apples does she have?</p>	<p>There were 20 puzzles on the shelf. Steve took 5 of them. How many puzzles were left?</p>
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0 1 2 3 4 5 6 7 8 9 10

_____ - 2 = _____

0 1 2 3 4 5 6 7 8 9 10

_____ - 3 = _____

<p>3 - 3 = _____</p> <p><input type="radio"/> 0 <input type="radio"/> 4 <input type="radio"/> 3</p>	<p>3 is more than</p> <p><input type="radio"/> 3 <input type="radio"/> 2 <input type="radio"/> 4</p>	<p>twelve</p> <p><input type="radio"/> 16 <input type="radio"/> 12 <input type="radio"/> 0</p>
---	--	--

Count by 3s.

12 _____ 18

Write the words into the boxes.

eat




try



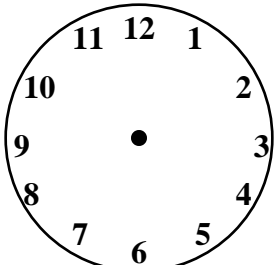
Name: _____

<p>Rosa ate 7 carrots. Then she ate 4 more carrots. How many carrots did she eat in all?</p>	<p>Max ate 9 jelly beans. Adam ate 7 jelly beans. How many jelly beans did they eat in all?</p>	<p>There are 3 big bars of soap. There are 4 little bars of soap. How many bars of soap are there?</p>
--	---	--

Write the missing letter.

<p>l w k __ook</p> 	<p>e s m p__ar</p> 	<p>g s e no__e</p> 
--	--	--

<p>What is the difference for $12 - 1$?</p> <p><input type="radio"/> 7 <input type="radio"/> 16 <input type="radio"/> 8 <input type="radio"/> 11</p>	<p>What is the sum of $4 + 5 + 4$?</p> <p><input type="radio"/> 13 <input type="radio"/> 15 <input type="radio"/> 12 <input type="radio"/> 9</p>	<p>What is the sum of $3 + 1 + 3$?</p> <p><input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/> 11 <input type="radio"/> 7</p>
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<p>$5 + 8$</p>	<p>Show 5 o'clock.</p> 	<p>Circle the two numbers that make 10.</p> <table border="1"> <tr> <td data-bbox="613 1747 1052 1837"> <p>7 3 8</p> </td> <td data-bbox="1075 1747 1513 1837"> <p>1 2 9</p> </td> </tr> <tr> <td data-bbox="613 1864 1052 1955"> <p>8 5 1 5</p> </td> <td data-bbox="1075 1864 1513 1955"> <p>3 6 8 2</p> </td> </tr> </table>		<p>7 3 8</p>	<p>1 2 9</p>	<p>8 5 1 5</p>	<p>3 6 8 2</p>
<p>7 3 8</p>	<p>1 2 9</p>						
<p>8 5 1 5</p>	<p>3 6 8 2</p>						



Name: _____

Get a fidget spinner! Spin it.

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

$8 + 2 = \underline{\quad}$

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

26, _____, 28, _____, _____, 31

Which number should
replace the third blank?

Circle the fifth letter.

8, A, 1, 2, X, B, 1, F, R, 4,
D, 7, 2, Z, 6, D, 4

Circle all the ways to make
7.

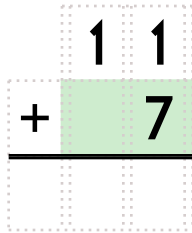
2 + 5 3 + 4 2 + 7
6 + 1 1 + 7 2 + 6

Double two.

Circle the fourth number.

5, 8, Z, R, B, 5, A, 6, 2,
D, 4, X, 8, 1, F, F, R

How many nickels do you
need if you want to have
exactly 20 cents?



15, 17, 19, _____, 23, 25,

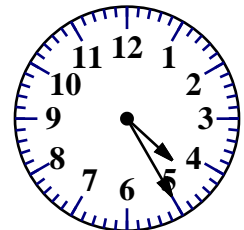
27, 29, 31, 33

Jason collects squishies.
He has 8 of them. Sara
wants to start collecting.
Jason gave her half of his
squishies. How many
squishies did he give away?

Write these numbers in
order from largest to
smallest.

82, 45

What time is it?



____:____

____, ____



Name: _____

s o e s e s r o s e
o n s o f t r o n h
s m i c h o r e o e
t o e q g o q s r h
o r b e f o r e e e
r e e c r s h o r e
e o e s h e o b z r
n r n v r t r r e j

Read the word.
Clap your hand for each syllable.
How many syllables?

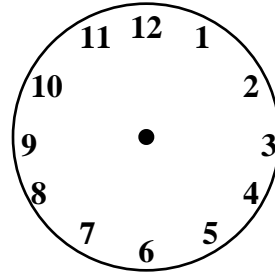
got

1 2 3

Count by 2s.

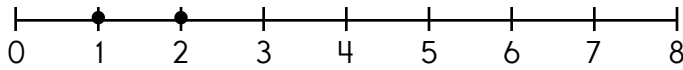
6 _____ 10

Show 4 o'clock.



How many -ORE words can you find in the word search? Write the words you find.

before



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

Fill in the blank with a number.

_____ $<$ 27

_____ $>$ 65

51 $<$ _____

57 $<$ _____

70 $=$ _____

_____ $>$ 27

Which shows a way to make 6?

- $8 + 3$ $3 + 11$
 $9 + 4$ $3 + 3$

Which shows a way to take apart 6?

- $6 - 2 = 4$ $7 - 2 = 5$
 $7 - 6 = 1$

$10 - 6 = \underline{\quad}$

- 4 12 13

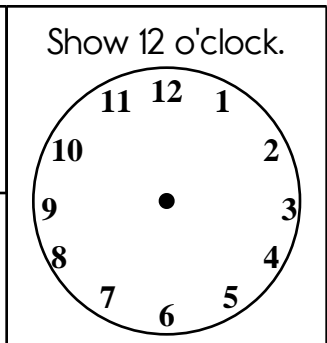
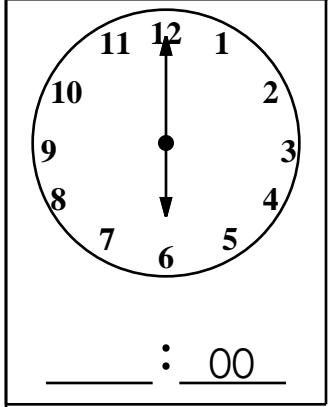


Name: _____

Emma ate 3 cookies and drank 1 milkshake. Emily ate 5 cookies and drank 2 milkshakes. How many cookies did they eat in all?

$3 + 1 = \underline{\hspace{2cm}}$

4 14 2



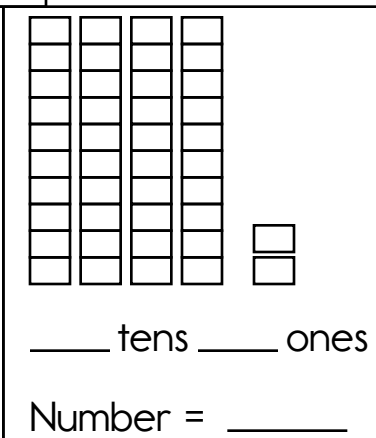
$7 - 4 = \underline{\hspace{2cm}}$

Add.

$1 + 3 = \square$

$6 + 2 = \square$

$1 + 4 = \square$



h v o o f
o p h l o
o r o u f
o f f f o
y b o f s

off

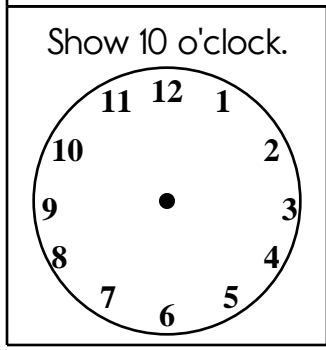
Fill in the blanks using numbers from the fact family.

$\square + \square = \square$

$\square + \square = \square$

$\square - \square = \square$

$\square - \square = \square$





Name: _____

Draw the missing spots in the patterns.

Show the pattern by putting the same letter under each shape or number.

☆ 7 ☆ 1 ☆ 4 ☆ 7 ☆ 1 ☆ 4 ☆ 7 ☆ 1 ☆ 4 ☆ 7 ☆ 1 ☆ 7

 A B C A B C A B C A B C A

☆ 5 ☆ 8 ☆ 3 ☆ 1 ☆ 5 ☆ 8 ☆ 3 ☆ 1 ☆ 8 ☆ 3 ☆ 1 ☆ 5

☆ 9 ☆ 2 ☆ 4 ☆ 9 ☆ 9 ☆ 2 ☆ 9 ☆ 9 ☆ 2 ☆ 4 ☆ 9 ☆ 9

□ ○ □ □ □ ○ □ □ ○

		●	

○ □ □ ○ □ □ ○ □ ○



Name: _____

Draw the missing spots in the patterns.

9 9 5 9 9 5 9 _ 5 9 9 5 9

0 1 1 0 1 _ 0 1 1 0 1 1 0

9 0 6 9 0 6 9 0 6 9 _ 6 9

Draw your own patterns.

0 2 9 0 2 9 0 2 9 0 2 9 0

ABC pattern

--	--	--	--	--	--	--	--	--	--	--	--	--

Draw an ABBC pattern.

--	--	--	--	--	--	--	--	--	--	--	--	--

Draw an AAB pattern.

--	--	--	--	--	--	--	--	--	--	--	--	--

Draw an ABAC pattern.

--	--	--	--	--	--	--	--	--	--	--	--	--

Draw an ABC pattern.

--	--	--	--	--	--	--	--	--	--	--	--	--

I drew an _____ pattern.



Name: _____

Complete the pattern.

3	6	9	12	15	18	21	_____
5	10	15	20	25	30	35	_____
4	8	12	16	20	24	28	_____
2	4	6	8	10	12	14	_____

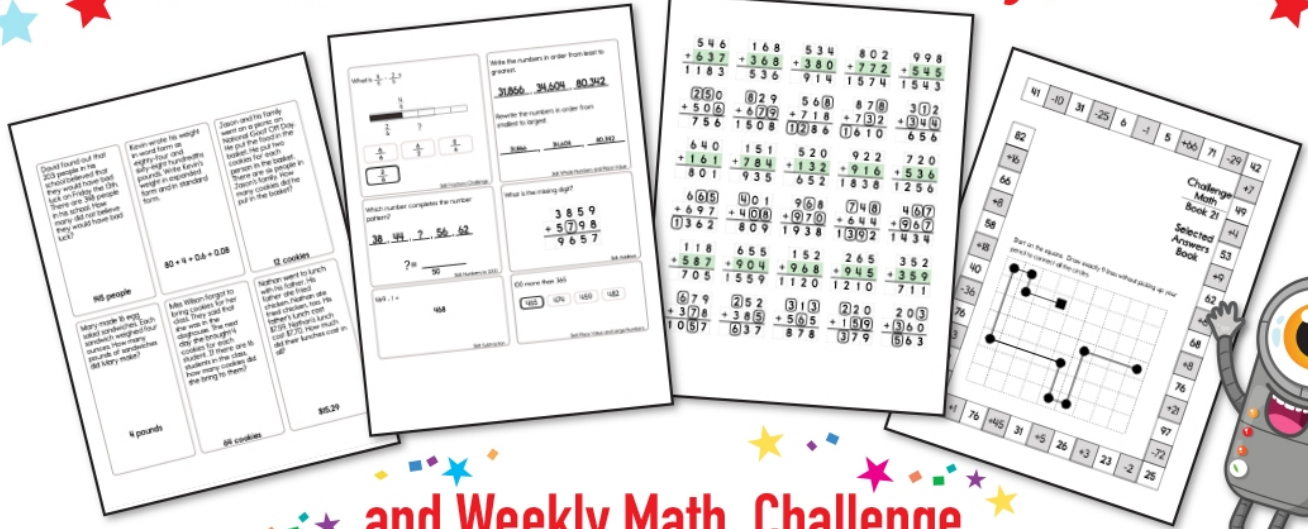
$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r}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

$15 - 8 = \underline{\hspace{2cm}}$ <input type="radio"/> 9 <input type="radio"/> 7 <input type="radio"/> 2	$8 + 9 = \square$	$8 + 8 = \square$	$3 + 5 = \square$	$5 + 2 = \square$
--	-------------------	-------------------	-------------------	-------------------

<p style="text-align: center;">$7 + \underline{\hspace{1cm}} = 14$</p>

<p>Count by 1.</p> <p>1 _____ 3 _____ _____</p> <p>_____ is 3 more than 1.</p>
--

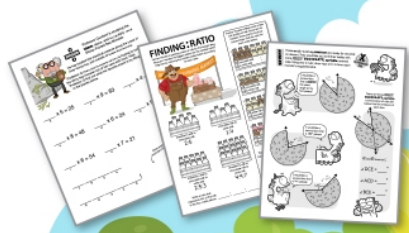
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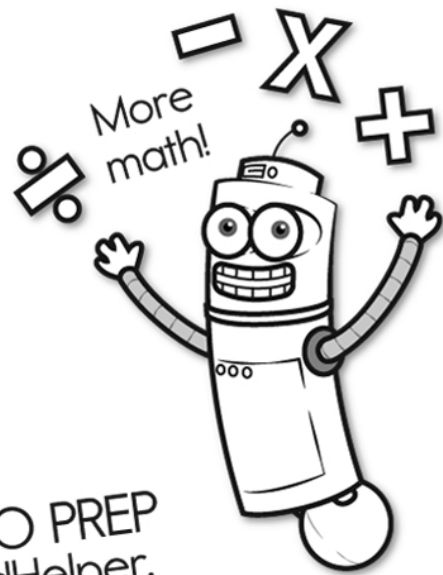
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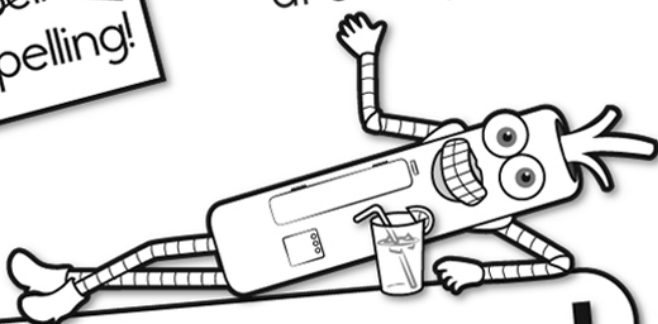


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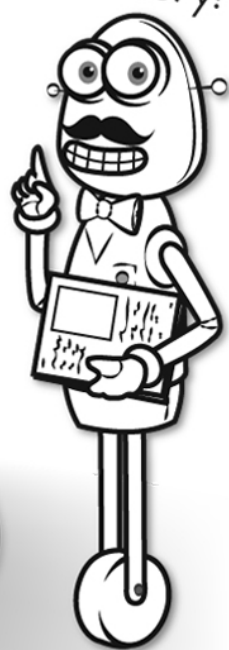


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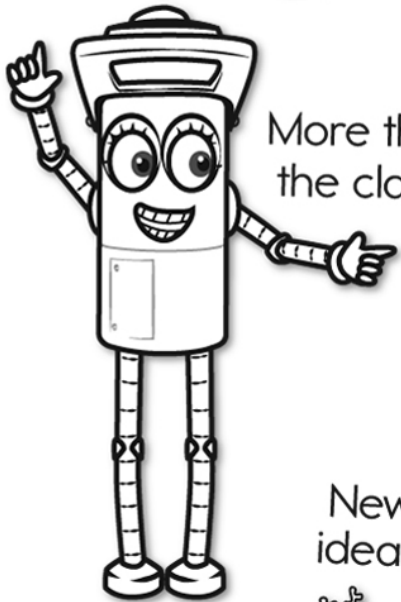
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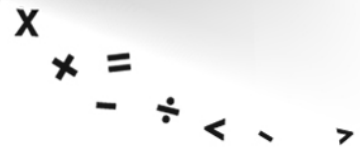
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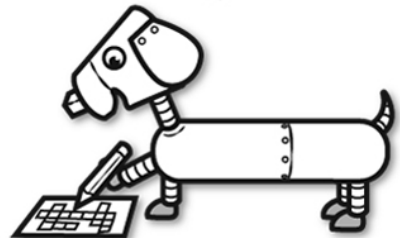
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