

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 4 in your head

add 4

Write the number.

\_\_\_\_\_   
 A

imagine 8 in your head

add 6

add 3

Write the number.

\_\_\_\_\_   
 B    C

imagine 5 in your head

add 7

add 1

Write the number.

\_\_\_\_\_   
 D    E

imagine 6 in your head

subtract 4

add 6

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?

\_\_\_\_\_ t \_\_\_\_\_ i \_\_\_\_\_ t

3 before 17 \_\_\_\_\_

6 after 18 \_\_\_\_\_

7 after 11 \_\_\_\_\_

1 before 11 \_\_\_\_\_

4 after 15 \_\_\_\_\_

1 after 17 \_\_\_\_\_

8 before 12 \_\_\_\_\_

2 after 16 \_\_\_\_\_

8 after 19 \_\_\_\_\_

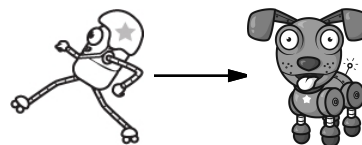
2 before 18 \_\_\_\_\_



5 after 13 \_\_\_\_\_

3 after 14 \_\_\_\_\_

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

Help Robot find Rover. Color the boxes with odd sums to make a path.



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

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

Emma made 138 muffins. Write that number in expanded form.

Justin went to the beach. He found 3 quarters, 1 nickel, 4 dimes, and 7 pennies. How much money did he find in all?

There were 12 cats ready to be adopted. Yesterday, 5 cats were adopted. How many cats were left?

Sean has 5 dimes, 1 nickel, and 12 pennies. How much money does he have?

Count by 5s. Color the numbers orange.

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

Count by 5s.

5

10

15

\_\_\_\_\_

MAD A V Y C M M A D U M M N K M A A D H O L R

WHO L W H O W H M F P O H U O O Y W T Q O Z O

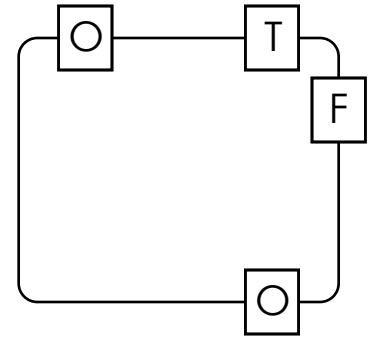
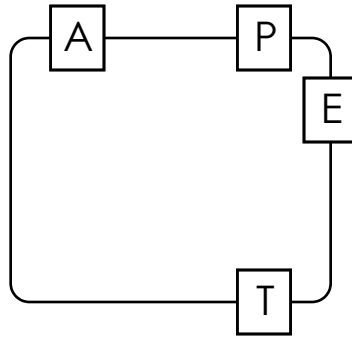
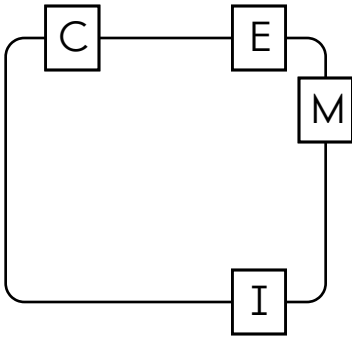
Name: \_\_\_\_\_

0	+2		-1				-2	
				+3			-3	-1
	+2		-1					
+3						+2	+3	
+1						+1	-1	
-1		+2	10	-3		-3	+2	5

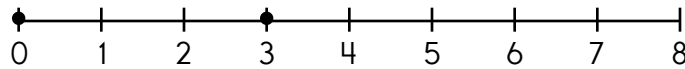
<p>Robert has four red balls. He also has two black balls. How many balls does Robert have in all?</p> <p><math>4 + 2 = \underline{\quad}</math></p> <p>He has <u>      </u> balls.</p>	$11 - 3 = \underline{\quad}$ <input type="radio"/> 15 <input type="radio"/> 6 <input type="radio"/> 8			$0 + 9 = \underline{\quad}$ <input type="radio"/> 5 <input type="radio"/> 14 <input type="radio"/> 9		
	one	seven	ten		5 + 6	8 + 3

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

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



Maria has five birds.  
Jessica has two dogs.  
How many more pets  
does Maria have?

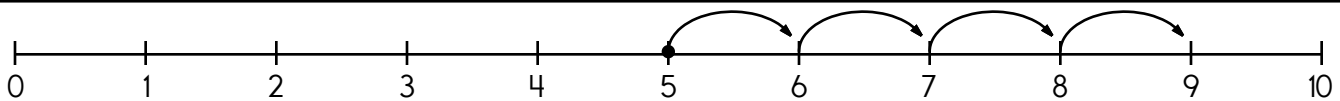


$0 + \underline{\quad} = 3$

three



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



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

5 is more than

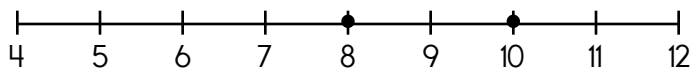
☐ 5    ☐ 6    ☐ 4

5 tens and 7 ones

☐ 701    ☐ 7    ☐ 57

fifteen

☐ 15    ☐ 14    ☐ 8



$10 - \underline{\quad} = 8$

Write the missing letter to spell good.

go\_d    g\_od    goo\_

Write the missing sign.

$10 \underline{\quad} 4 = 6$



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

<p>Miss Allen had some knitting needles. She bought 2 more needles. Now she has 15 needles. How many needles did she have before?</p>	<p>Dee has 3 games. Mike has 9 games. How many games do they have in all?</p>	<p>Anne and Emma want to buy a book. The book is about Earth Day. Anne has saved 8¢. Emma has saved 5¢. How much have they saved in all?</p>
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Write <, >, or =.

93 ○ 71

24 ○ 25

17 ○ 13

38 ○ 81

42 ○ 42

98 ○ 93

94 ○ 90

26 ○ 46

61 ○ 65

Write the words into the boxes.

sleep • white • star • part • each • poor • seen • bit • same

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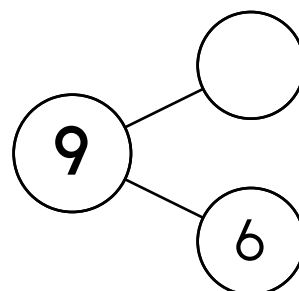
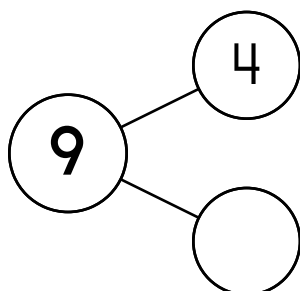
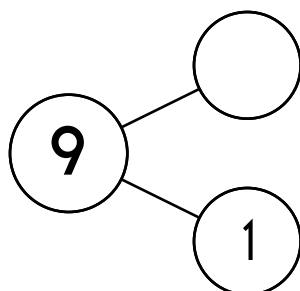
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ONE P O T E Z N D O N E O N N E O A O L N W K

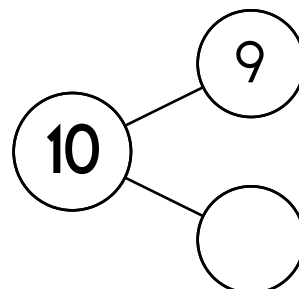
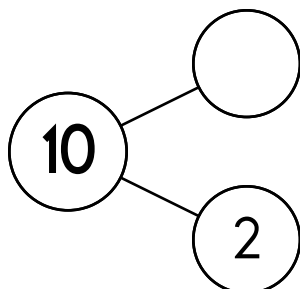
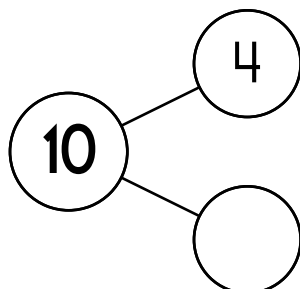
MOTHER R K V M E T H I R R R T W A M O T H E R N

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

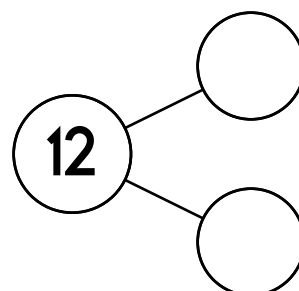
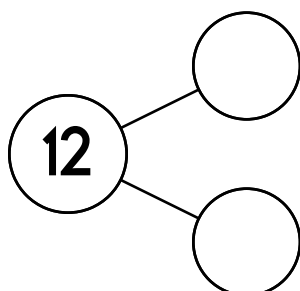
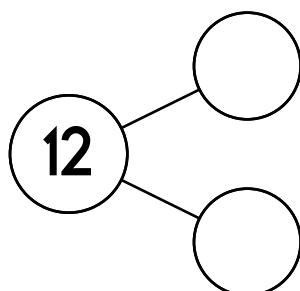
What numbers make 9?



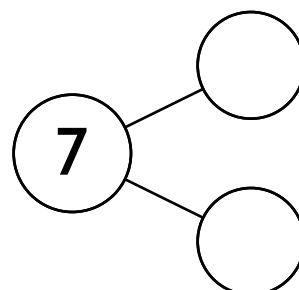
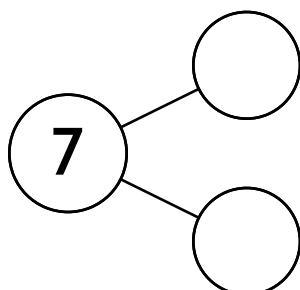
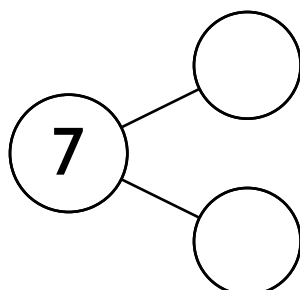
What numbers make 10?



What numbers make 12?

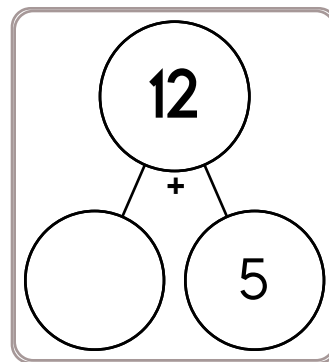
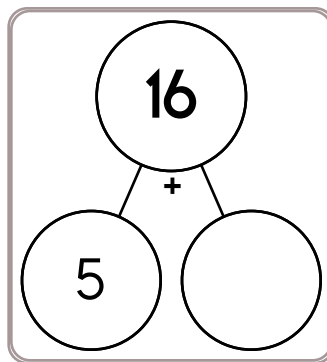
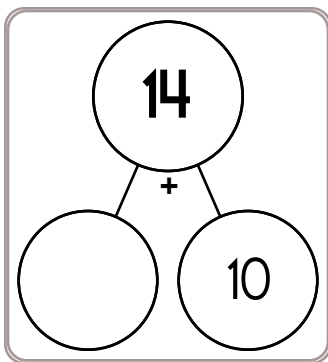
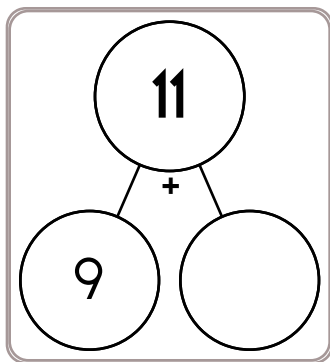
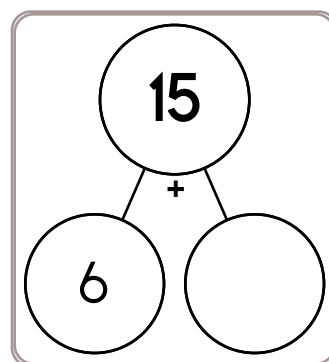
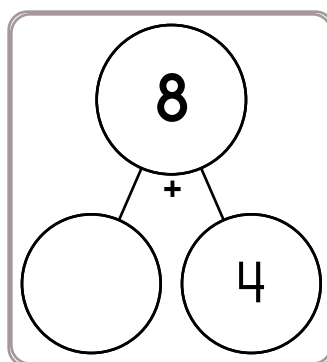
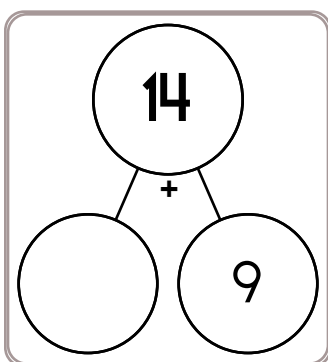
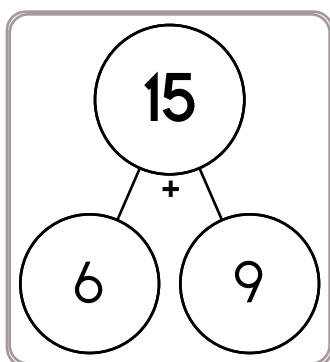


What numbers make 7?



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

$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$
$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ - 2 \\ \hline \end{array}$



$10 - 7 =$

$10 - 4 =$

$8 - 2 =$

$6 - 5 =$

$6 - 2 =$

$10 - 2 =$

$8 - 8 =$

$11 - 8 =$

$4 - 3 =$

$5 - 4 =$

$11 - 7 =$

$10 - 5 =$



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

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

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

$\begin{array}{r} 2 \\ + 2 \\ \hline \square \end{array}$	$\begin{array}{r} 3 \\ + 3 \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ + 1 \\ \hline 6 \end{array}$	$\begin{array}{r} 3 \\ + \square \\ \hline 1 \end{array}$	$\begin{array}{r} 3 \\ + 2 \\ \hline \square \end{array}$	$\begin{array}{r} 4 \\ + \square \\ \hline 1 \end{array}$	$\begin{array}{r} 3 \\ + \square \\ \hline 1 \end{array}$	$\begin{array}{r} 9 \\ + 8 \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ + 6 \\ \hline 7 \end{array}$
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Name: \_\_\_\_\_

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

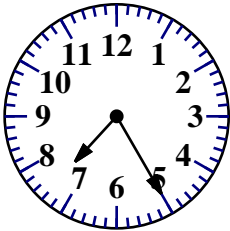
65, 78, 91, 104, 117, 130,  
\_\_\_\_\_, 156, 169

$$14 + \underline{\quad} = 24$$

Circle the fourth letter.

F, 3, A, 8, B, 6, 6, 2, 5, B,  
F, B, 8, B, 7, D, D, 6, 6

What time is it?



\_\_\_\_:\_\_\_\_

What is ten more than 76?

Circle the odd numbers.

4 89 21

8 97 62

36 343 435

$$14 = 4 + 10$$

$$15 = \underline{\quad} + 10$$

$$13 = \underline{\quad} + 10$$

Circle all the ways to make 7.

$$\begin{array}{ccc} 3 + 4 & 2 + 5 & 2 + 4 \\ 7 + 2 & 1 + 6 & 5 + 1 \end{array}$$

How much is this?



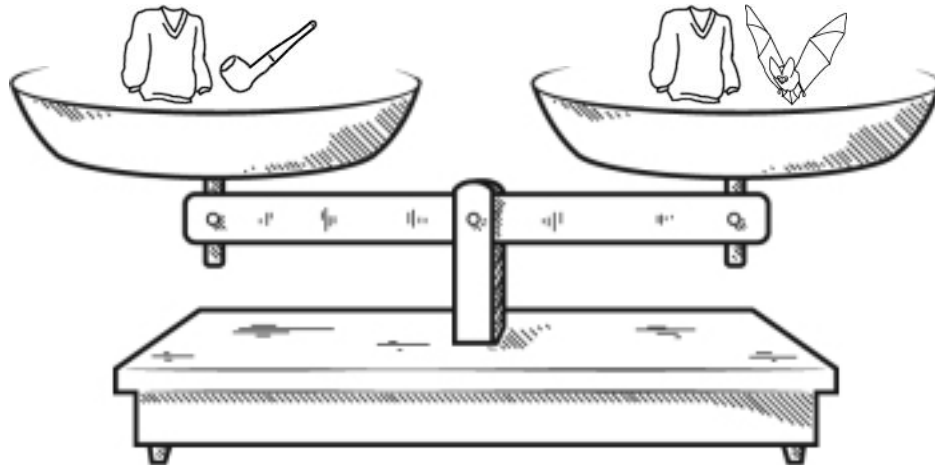
What is ten less than 85?

$$39 + 436 = 475$$


Using the commutative property of addition, what do you think  $436 + 39$  is?

98, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, 104


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



It may help to give values to pictures.

 = 12

 = 18

 =         

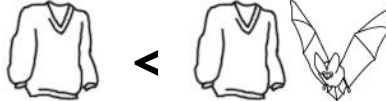
You should only mark TRUE if you are absolutely sure it is correct!



True

☐

False

☐


True

☐

False

☐


True

☐

False

☐


True

☐

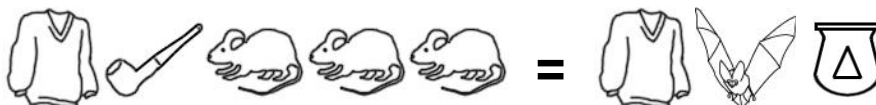
False

☐


True

☐

False

☐


True

☐

False

☐

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

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

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

Ms. Clark has thirty-two lollipops. She gave eighteen to her students. How many lollipops does she have left?

Jessica sorted the pecans. She made three piles. She put the biggest pecans in the first pile. She put the medium pecans in the second pile. She put the smallest pecans in the third pile. There were 67 pecans in all. There were 14 pecans in the first pile. There were 27 pecans in the second pile. How many pecans were in the third pile?

Tim has 16 toy cars. He gave 5 cars to Jim. How many cars does Tim have left?

There were 9 pins on the sewing table. Hunter put 5 more pins on the table. How many pins are on the table now?

Make 3.

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

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

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

David planted 8 cherry trees. Nathan planted 5 plum trees. How many trees did the two boys plant?

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

☐ 15      ☐ 8      ☐ 10

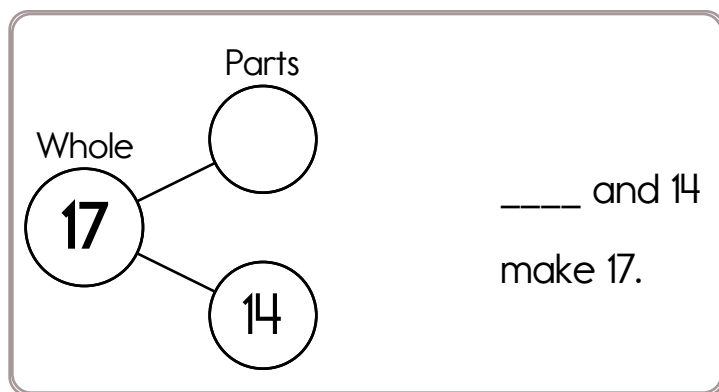
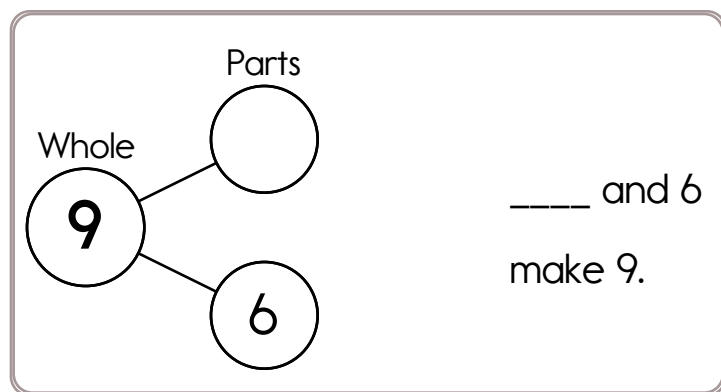
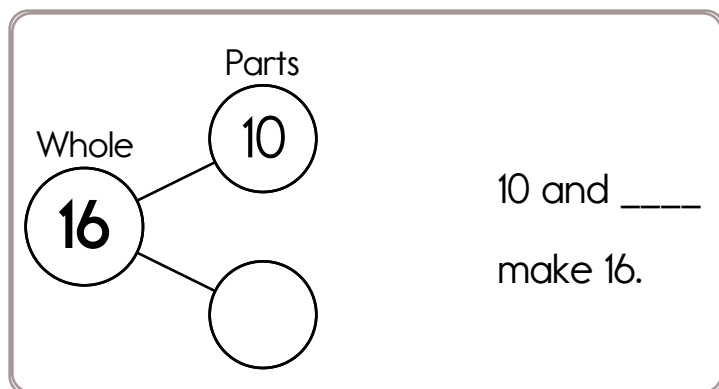
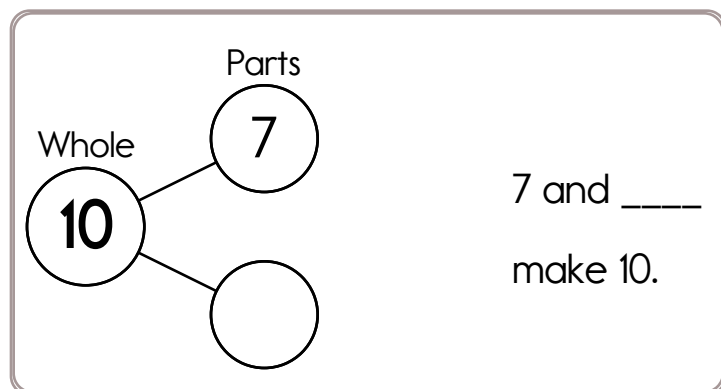
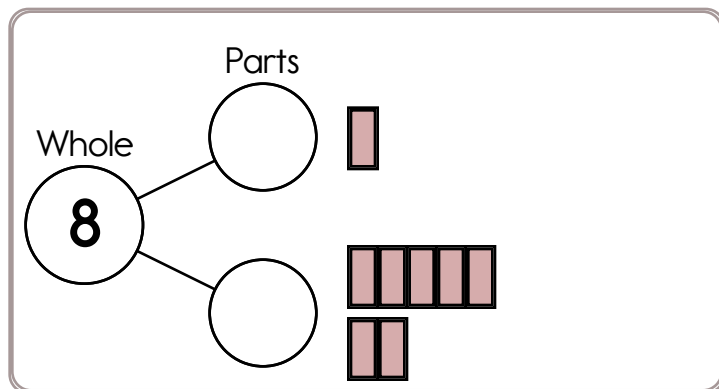
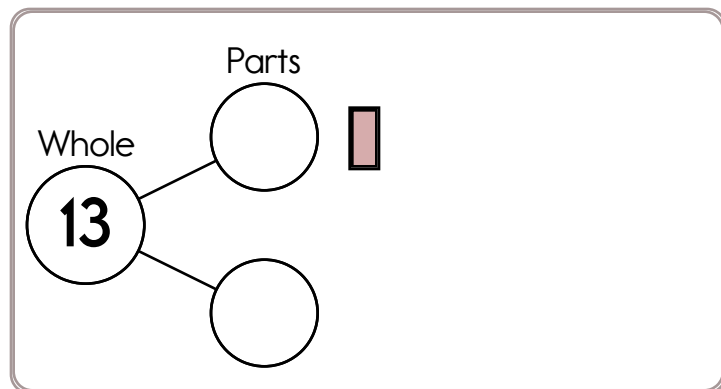
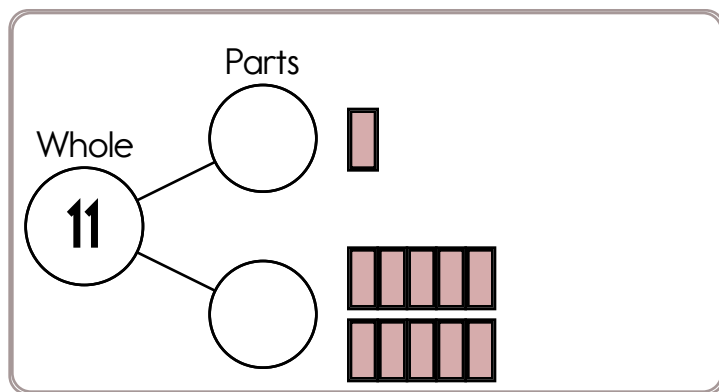
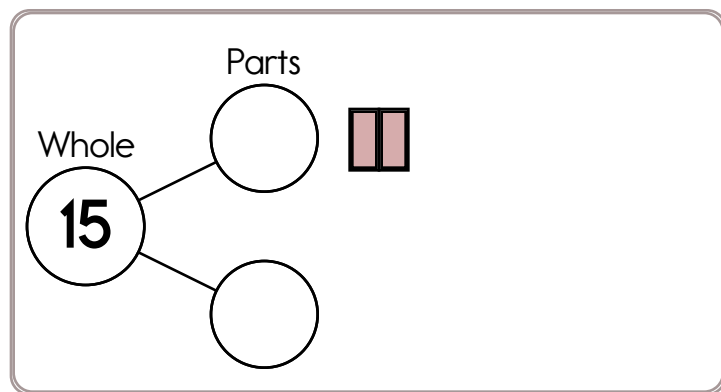
$$2 + 8 = \boxed{\quad}$$

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

$$6 + 2$$

$$9 - 1$$

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



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

Find 2 equations hidden in each box. Good luck!

$1$   
 $6$   
  
 $13$

$16$   
 $1+2$   
 $2+8$   
 $7+9$

$3+3$

Write 2 equations: \_\_\_\_\_

$3-0$

$9-5$   
 $0$   
 $3$

$4$   
 $7$   
 $8-2$   
 $1$

Write 2 equations: \_\_\_\_\_

$3+1$   
 $1+6$   
 $4+9$

$13$   
 $12$

$3+2$   
 $7$   
 $10$

Write 2 equations: \_\_\_\_\_

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

Free choice writing:

Fill in the blank with a number.

\_\_\_\_\_  $\bigcirc$  52

\_\_\_\_\_  $\bigcirc$  73

\_\_\_\_\_  $\bigcirc$  70

21  $\bigcirc$  \_\_\_\_\_

70  $\bigcirc$  \_\_\_\_\_

30  $\bigcirc$  \_\_\_\_\_

Which shows a way to make 6?

☐ 2 + 9      ☐ 2 + 4

☐ 5 + 9      ☐ 8 + 3

12 - 8 = \_\_\_\_\_

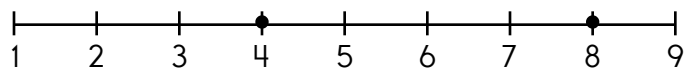
☐ 20      ☐ 4      ☐ 1

8 + 2 = \_\_\_\_\_

☐ 8      ☐ 6      ☐ 10

Count by 2s.

14      \_\_\_\_\_      18



4 + \_\_\_\_\_ = 8

9 - 7

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

I am cheerful when \_\_\_\_\_

\_\_\_\_\_

Circle the words.

jump poor call shy then chip fast shape got fool river blocks at  
should fool dew cold call poor river black sets a drain shape  
call read mice shape then car block grew then fat river dew

Unscramble the letters.



ewrcdaocrs

9 tens and 1 one

☐ 91    ☐ 9    ☐ 19

3 is more than

☐ 3    ☐ 4    ☐ 2

6 - 3 = \_\_\_\_\_

☐ 4    ☐ 3    ☐ 1

**GIVE**

Z O G I O V E I X I G G E Y G I V E N G P U

**VOTE**

T V O T E V Y V N C E O W V X E V V U T O E

**HAPPY**

A V G A S Y Z P H H A P P Y B H A P Y Q J A

**WHALE**

H A H L E W H A L E L L X P W H A L L Y E E

**CHIP**

C H P F P A V C H I P C H I I H P O I L W I

**STIR**

T O U T I R S V R B I E F M Z W S T I R C T

word root **pro** can mean **forward or before**


**proceed, process, promotion**



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

← left      → right      ↑ above      ↓ below



From  go ↓ go ↑ go → go ↑ go ↓ go ↓ go ←


Where are you?



From  go → go → go ↑ go ← go ← go ↑ go ↓

Where are you?



From  go ↓ go → go ← go ↓ go → go → go ↑

Where are you?



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

Complete the pattern.

1 2 3 4 5 6 7 \_\_\_\_\_

5 10 15 20 25 30 35 \_\_\_\_\_

3 6 9 12 15 18 21 \_\_\_\_\_

4 8 12 16 20 24 28 \_\_\_\_\_

2 4 6 8 10 12 14 \_\_\_\_\_

2 3 4 5 6 7 8 \_\_\_\_\_

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



It's NO PREP at edHelper.

More history!



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New online math games!



New ideas!



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

More puzzles!



