

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

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.

A block with 2 spaces must have the numbers 1 and 2.

A block with 3 spaces must have the numbers 1, 2, and 3.

A block with 4 spaces must have the numbers 1, 2, 3, and 4.

2	3		3
4	1		1
3	2		2
1	4		4

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

3 2 1 4

3	2	4	1
4	1	3	2
3	2	4	1

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

3 2 4 1

1		1	4	1
3	2	3		3
	4	1	4	
2	3	2		2

Hint - These numbers are missing:

1 3 1 2 4

3	2	3	2	3
1			4	
2	3	2	3	2
	4	1	4	

Hint - These numbers are missing:

1 4 1 1 1

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

Fill in the missing numbers.

2	4		3	1
		2	4	
2	4		3	

Hint - These numbers are missing:

3 2 1 1 1 1

		2	3	1
2		1	4	2
	4	2	3	

Hint - These numbers are missing:

3 4 1 1 1

1	2	1	3
	3		2
1			

Hint - These numbers are missing:

3 1 4 2 4

1	2		4
	4	1	
1		3	

Hint - These numbers are missing:

3 3 2 2 4

What is ten more than 53?

S, Q, S, Q, S, Q, \_\_\_\_\_,

Q, S, Q

14, 16, 18, \_\_\_\_\_, 22, 24,

26, 28, 30, 32



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

Get a fidget spinner! Spin it.

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

\_\_\_\_\_  
58 hundreds

\_\_\_\_\_  
four tens

\_\_\_\_\_  
65 tens

\_\_\_\_\_  
eight hundreds and two  
ones

\_\_\_\_\_  
three hundreds and four  
tens

\_\_\_\_\_  
94 hundreds

\_\_\_\_\_  
83 hundreds

\_\_\_\_\_  
10 ones

\_\_\_\_\_  
two tens

\_\_\_\_\_  
42 tens

\_\_\_\_\_  
six tens

\_\_\_\_\_  
seven tens

\_\_\_\_\_  
71 hundreds

\_\_\_\_\_  
nine hundreds and seven  
tens

\_\_\_\_\_  
37 ones

\_\_\_\_\_  
23 tens

\_\_\_\_\_  
39 ones

\_\_\_\_\_  
five tens

\_\_\_\_\_  
27 ones

\_\_\_\_\_  
58 tens

\_\_\_\_\_  
three hundreds and eight  
tens

\_\_\_\_\_  
eight tens

\_\_\_\_\_  
two tens

\_\_\_\_\_  
four tens

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

There are nine bananas in a bowl on the table. Wendy and her friends ate six of them. How many bananas are left?

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

There are \_\_\_\_\_ bananas left in the bowl.

Megan checked out five books at the library. Then she took five books back. How many books does she have now?

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

She has \_\_\_\_\_ book(s).

A spider caught three bugs in its web in the morning. It caught four bugs in its web in the afternoon. How many bugs did the spider catch in all?

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

The spider caught \_\_\_\_\_ bugs.

Write a word that has the same vowel sound. Draw a picture of your word.

u



book

u



cup

Which shows a way to take apart 7?

☐  $8 + 6 = 14$

☐  $7 - 3 = 4$

☐  $8 - 7 = 1$

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

☐ 6    ☐ 0    ☐ 14

Write the missing sign.

$$12 \underline{\quad} 6 = 6$$

6 is more than

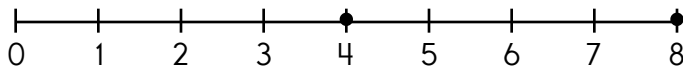
☐ 6    ☐ 7    ☐ 5

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

Hannah picked 3 watermelons. Sara picked 2 watermelons. How many watermelons did they pick in all?

It took Anne 13 minutes to drink her soda. It took Eric 7 minutes. How many minutes more did it take Anne?

Molly saw 10 seagulls. Then she saw 18 more. How many seagulls did Molly see?



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

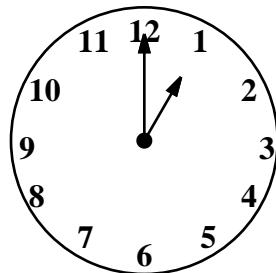
Robert picked nine tomatoes in the garden. He put them in a basket. He ate two of them before he went back to his house. How many tomatoes were in the basket when he got in the house?

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

There were \_\_\_\_\_ tomatoes in the basket.

What is the difference for  $7 - 3$ ?

☐ 5   ☐ 4   ☐ 2   ☐ 9



three

\_\_\_\_\_ : 00

Which has the same sum as  $6 + 7$ ?

☐  $6 + 6 + 1$

☐  $1 + 6 + 7$

☐  $6 + 6 + 3$

$9 + 4$

$7 + 6$

hot = orange, could = orange

eat	could	eat	got	said	hot	little
little	could	said	eat	little	hot	eat
got	could	eat	got	said	could	said
little	hot	could	hot	could	hot	could
got	eat	little	eat	eat	could	eat
little	said	said	little	got	could	said
eat	little	got	said	said	could	eat
little	little	said	eat	little	eat	little

A row of nine empty square boxes, each with a black dot in the top-left corner, intended for drawing.

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

3      6      9      12

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

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

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

3      6      9      12      15      18      21

$18 + 3 = \underline{\quad}$

3      6      9      12      15      18

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

3      6      9      12      15      18      21      24      27

$24 + 3 = \underline{\quad}$

3      6      9      12      15

$12 + 3 = \underline{\quad}$

3      6      9      \_\_\_\_\_

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

3      6      9      12      \_\_\_\_\_

$12 + 3 = \underline{\quad}$

3      6      9      12      15      \_\_\_\_\_

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

3      6      9      12      15      18      21      24      \_\_\_\_\_

$24 + 3 = \underline{\quad}$

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

3      6      9      12      15      \_\_\_\_\_

$$15 + 3 = \underline{\hspace{2cm}}$$

3      6      9      12      15      18      21      24      \_\_\_\_\_

$$24 + 3 = \underline{\hspace{2cm}}$$

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

$$21 + 3 = \underline{\hspace{2cm}}$$

3      6      9      \_\_\_\_\_

$$9 + 3 = \underline{\hspace{2cm}}$$

3      6      9      12      \_\_\_\_\_

$$12 + 3 = \underline{\hspace{2cm}}$$

$$3 + 3 = \boxed{\hspace{1cm}}$$

$$6 + 3 = \boxed{\hspace{1cm}}$$

$$6 + 3 = \boxed{\hspace{1cm}}$$

$$6 + 3 = \boxed{\hspace{1cm}}$$

$$3 + 3 = \boxed{\hspace{1cm}}$$

$$6 + 3 = \boxed{\hspace{1cm}}$$

$$3 + 3 = \boxed{\hspace{1cm}}$$

$$3 + 3 = \boxed{\hspace{1cm}}$$

$$3 + 3 = \boxed{\hspace{1cm}}$$

$$6 + 3 = \boxed{\hspace{1cm}}$$



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

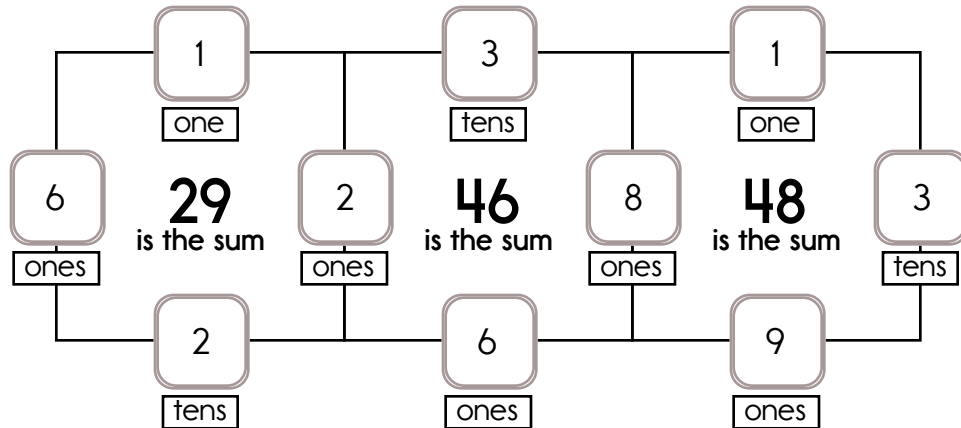
Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Example:

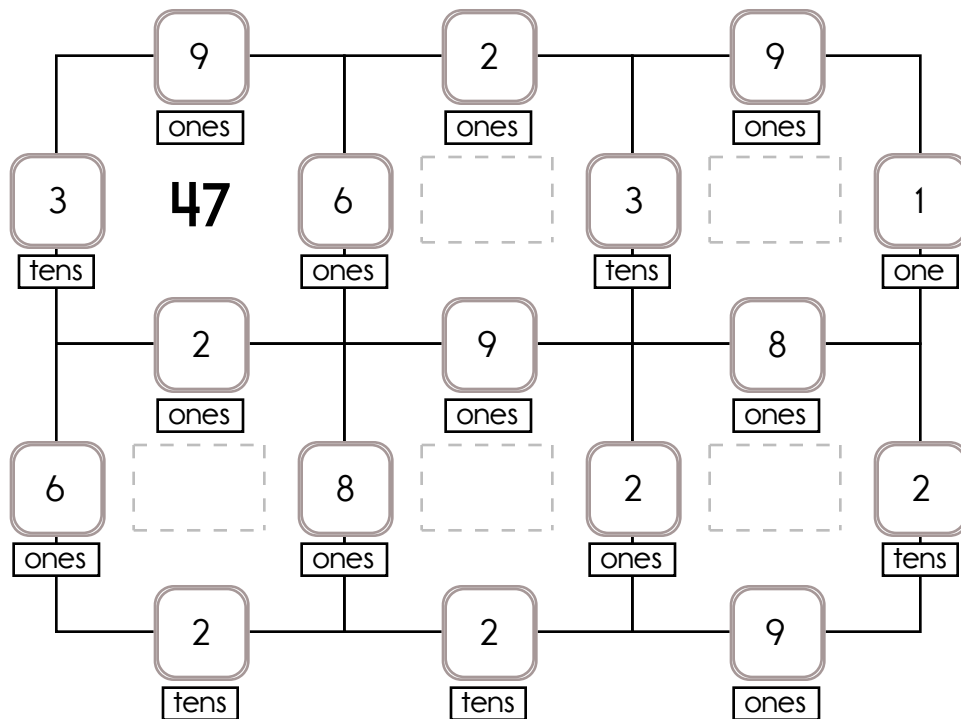
$$6 + 2 + 1 + 20 = 29$$

Example:

$$8 + 30 + 1 + 9 = 48$$



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.



How many?



Circle the fourth letter.

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

How much is this?



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

27, \_\_\_\_, \_\_\_\_, 30, \_\_\_\_, 32,  
\_\_\_\_

Which number should  
replace the first blank?

How many dots on the bug?



E, J, O, \_\_\_\_, Y

Eric needs twelve cents.  
How much more money  
does he need?



In two years Pam will be in  
the ninth grade. What  
grade is she currently in?

What comes before and  
after?

\_\_\_\_, 88, \_\_\_\_

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

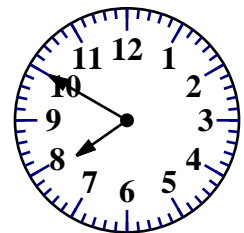
Write these numbers in  
order from largest to  
smallest.

13, 9, 4

14, 16, 18, 20, \_\_\_\_, 24,

26, 28, 30, 32

What time is it?



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

\_\_\_\_, \_\_\_\_, \_\_\_\_

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

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

Circle the fifth number.

X, 5, 3, 3, Z, R, A, B, 7, 4,  
D, 5, F, R, D, 4, 1, 6, 2

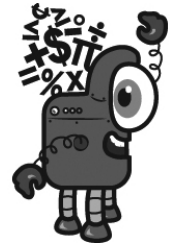
How many?



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

Mental Math

— #1 —



- ◆ Start with the number of days in September.

30

- ◆ Add the number of days in a week.

9 3 5 3 7 3 1 6 4 8 (Circle your answer to double check you are correct.) \_\_\_\_\_

- ◆ Subtract 1 ten.

6 6 9 4 2 7 7 2 4 1

\_\_\_\_\_

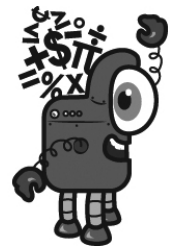
- ◆ Double that number.

7 5 4 0 6 0 4 0 2 8

\_\_\_\_\_

Mental Math

— #2 —



-  Start with the sum of 9 and 10.

6 2 2 5 8 1 9 2 9 0 (Circle your answer to double check you are correct.) \_\_\_\_\_

-  Double that number.

6 1 5 4 7 1 3 8 4 1

\_\_\_\_\_

-  Round that number to the nearest ten.

2 4 4 0 7 5 4 7 5 9

\_\_\_\_\_

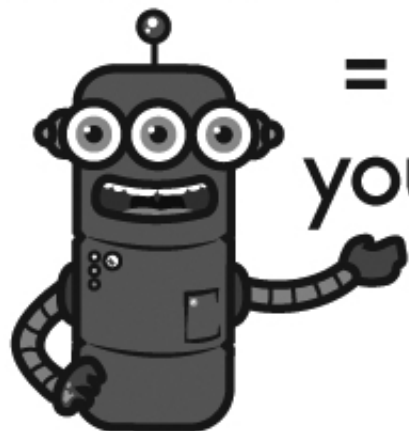
-  Subtract 2 tens.

5 5 9 0 7 6 2 2 0 6

\_\_\_\_\_

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

# Mental Math



= Do it in  
your head!



	+1	-1	+2	-2
55				
23				
64				
82				
38				
40				
76				
47				
31				
89				

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

Complete each pattern.

7, 4, A, 7, 4, A, 7, 4, A, 7, \_\_, \_\_

0, Q, J, 8, 0, Q, J, 8, \_\_, Q, J, 8, 0, Q, J, 8, 0

\_\_, \_\_, d, 4, d, 4, d, 4, d, 4, d, 4, d, 4

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

6, 8, 10, 12, 14, 16, 18, 20, \_\_\_\_

\_\_\_\_, \_\_\_\_, 18, 20, 22, 24, \_\_\_\_, \_\_\_\_, 30, 32

\_\_\_\_, 12, \_\_\_\_, \_\_\_\_, 18, 20, 22

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

Circle the smaller number.	Circle how you know.	Fill in the numbers.
14    18	tens    ones	_____ is less than _____. _____ < _____
51    66	tens    ones	_____ is less than _____. _____ < _____
89    80	tens    ones	_____ is less than _____. _____ < _____

1 2 3 4 5 6 7 8 9 10

1 + 9 = \_\_\_\_\_

1 + 9 = \_\_\_\_\_

Draw ○

1 2 3 4 5 6 7 8 9 10

2 + 7 = \_\_\_\_\_

2 + 7 = \_\_\_\_\_

Draw □ and ○

1 2 3 4 5 6 7 8 9 10

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

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

1 - 0 = \_\_\_\_\_

○ 11    ○ 10    ○ 1

LEAVE M L E V E E L V W N X A O A Z A L E A V E

THESE M S S T H E S E H E T H O E Z O E S T E L

WISH W I S H H J S O H W G H K S W T I H N A W

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

Color in the month that has your birthday.

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

An insect has six legs.

An insect has six legs.

Count by 5s.

How much?



= 5¢

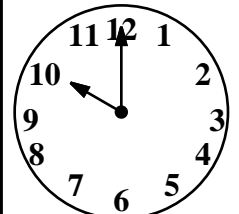


¢

I like to go to \_\_\_\_\_.

Draw  
it:

10 - 2



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

word root **equi** can mean **equal or fair**

**equivocate**

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

$$\begin{array}{r} 16 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 7 \\ \hline \end{array}$$

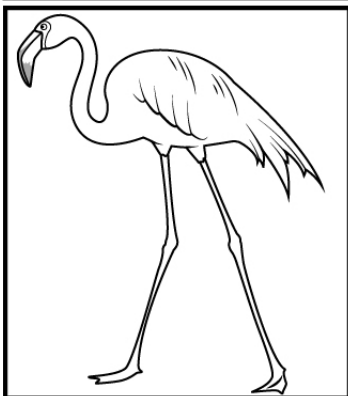
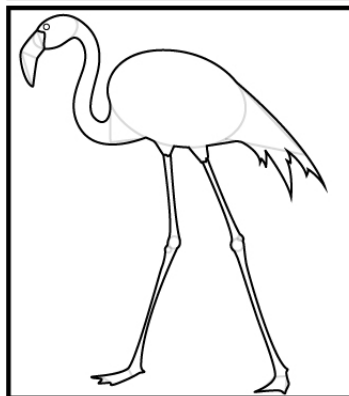
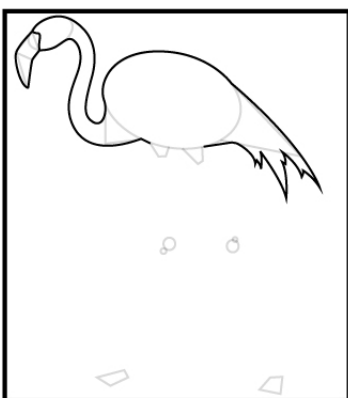
$$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ - 15 \\ \hline \end{array}$$



Draw it.  
What can you add to your picture?



I added \_\_\_\_\_

$$\begin{array}{r} 16 \\ - 5 \\ \hline \end{array}$$

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

$$\begin{array}{r} 16 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 16 \\ \hline \end{array}$$



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

$\begin{array}{r} 17 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 16 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 16 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 18 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 11 \\ \hline \end{array}$
---	--	---	---	---	---

$\begin{array}{r} 18 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 13 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$
--	--	--	---	--	---

$15 - 10 =$	$8 - 3 =$	$12 - 12 =$	$14 - 10 =$
$13 - 13 =$	$18 - 4 =$	$6 - 6 =$	$8 - 4 =$
$18 - 15 =$	$3 - 1 =$	$7 - 5 =$	$15 - 15 =$
$13 - 12 =$	$16 - 4 =$	$7 - 6 =$	$6 - 5 =$

$9 - \underline{\quad} = 0$	$16 - \underline{\quad} = 4$	$19 - \underline{\quad} = 2$
$18 - \underline{\quad} = 5$	$7 - \underline{\quad} = 6$	$1 - \underline{\quad} = 0$
$20 - \underline{\quad} = 0$	$15 - \underline{\quad} = 4$	$6 - \underline{\quad} = 5$
$16 - \underline{\quad} = 13$	$13 - \underline{\quad} = 10$	$15 - \underline{\quad} = 1$

$\begin{array}{r} 15 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$
--	--	---	--	---	---

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

$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 14 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 15 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 3 \\ \hline \end{array}$
---	---	---	--	--	--

$\begin{array}{r} 16 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 16 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 12 \\ \hline \end{array}$
--	---	---	---	---	---

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

$19 - \underline{\quad} = 12$	$\underline{\quad} - 2 = 10$	$\underline{\quad} - 5 = 0$
$16 - \underline{\quad} = 10$	$15 - \underline{\quad} = 0$	$\underline{\quad} - 11 = 5$
$9 - \underline{\quad} = 8$	$\underline{\quad} - 11 = 6$	$\underline{\quad} - 6 = 3$
$15 - \underline{\quad} = 11$	$20 - \underline{\quad} = 0$	$\underline{\quad} - 5 = 2$

$\begin{array}{r} 19 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 13 \\ \hline \end{array}$
--	---	---	--	--	---

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

Write your starting time.

:

$17 - 11 = \boxed{\phantom{00}}$

$8 - 4 = \boxed{\phantom{00}}$

$19 - 1 = \boxed{\phantom{00}}$

$20 - 10 = \boxed{\phantom{00}}$

$4 - 1 = \boxed{\phantom{00}}$

$6 - 2 = \boxed{\phantom{00}}$

$19 - 13 = \boxed{\phantom{00}}$

$16 - 10 = \boxed{\phantom{00}}$

$18 - 14 = \boxed{\phantom{00}}$

$19 - 7 = \boxed{\phantom{00}}$

$16 - 3 = \boxed{\phantom{00}}$

$17 - 6 = \boxed{\phantom{00}}$

$5 - 2 = \boxed{\phantom{00}}$

$19 - 12 = \boxed{\phantom{00}}$

$13 - 12 = \boxed{\phantom{00}}$

$20 - 20 = \boxed{\phantom{00}}$

$7 - 7 = \boxed{\phantom{00}}$

$15 - 4 = \boxed{\phantom{00}}$

$7 - 1 = \boxed{\phantom{00}}$

$18 - 13 = \boxed{\phantom{00}}$

$6 - 5 = \boxed{\phantom{00}}$

$11 - 1 = \boxed{\phantom{00}}$

$16 - 12 = \boxed{\phantom{00}}$

$17 - 17 = \boxed{\phantom{00}}$

$18 - 12 = \boxed{\phantom{00}}$

$16 - 16 = \boxed{\phantom{00}}$

$19 - 6 = \boxed{\phantom{00}}$

$16 - 6 = \boxed{\phantom{00}}$

$16 - 11 = \boxed{\phantom{00}}$

$19 - 8 = \boxed{\phantom{00}}$

$14 - 12 = \boxed{\phantom{00}}$

$19 - 16 = \boxed{\phantom{00}}$

$18 - 6 = \boxed{\phantom{00}}$

$9 - 6 = \boxed{\phantom{00}}$

$18 - 4 = \boxed{\phantom{00}}$

$17 - 12 = \boxed{\phantom{00}}$

$5 - 5 = \boxed{\phantom{00}}$

$9 - 3 = \boxed{\phantom{00}}$

$7 - 2 = \boxed{\phantom{00}}$

$11 - 11 = \boxed{\phantom{00}}$

$19 - 17 = \boxed{\phantom{00}}$

$5 - 3 = \boxed{\phantom{00}}$

Write your ending time.

:

Make your own equations.

$\boxed{\phantom{00}} - 2 = \boxed{\phantom{00}}$

$17 - \boxed{\phantom{00}} = \boxed{\phantom{00}}$

$18 - \boxed{\phantom{00}} = \boxed{\phantom{00}}$

$\boxed{\phantom{00}} - 2 = \boxed{\phantom{00}}$

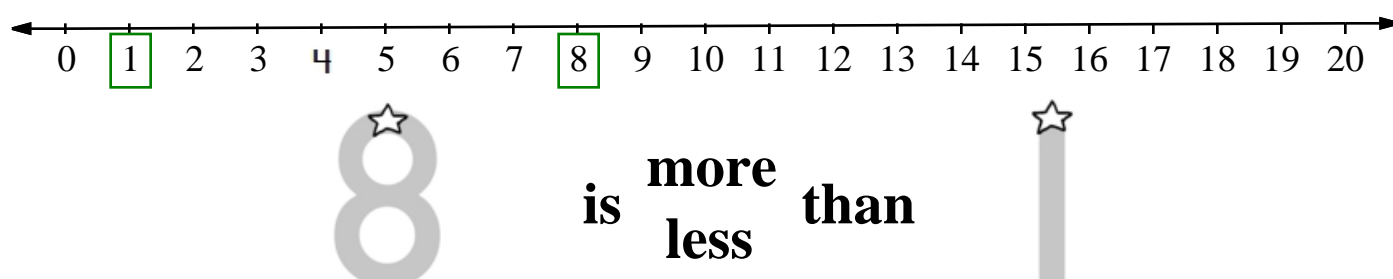
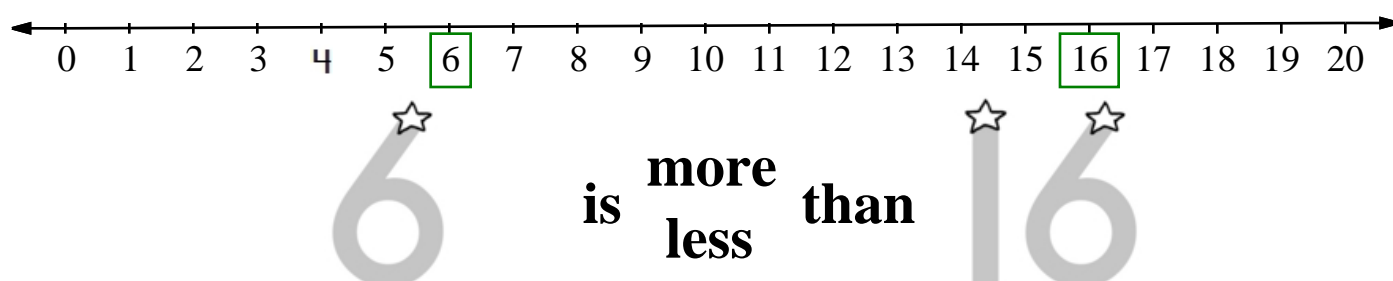
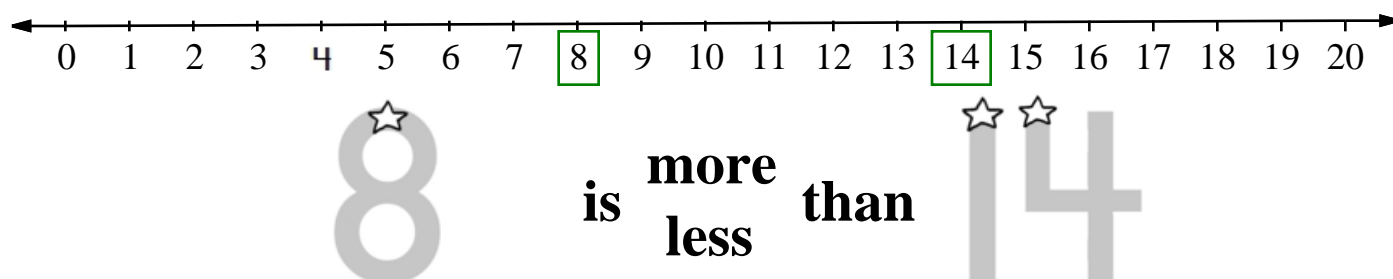
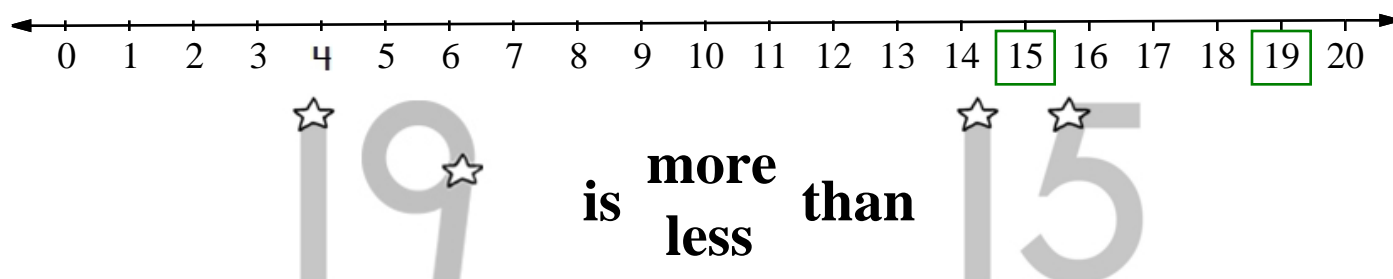
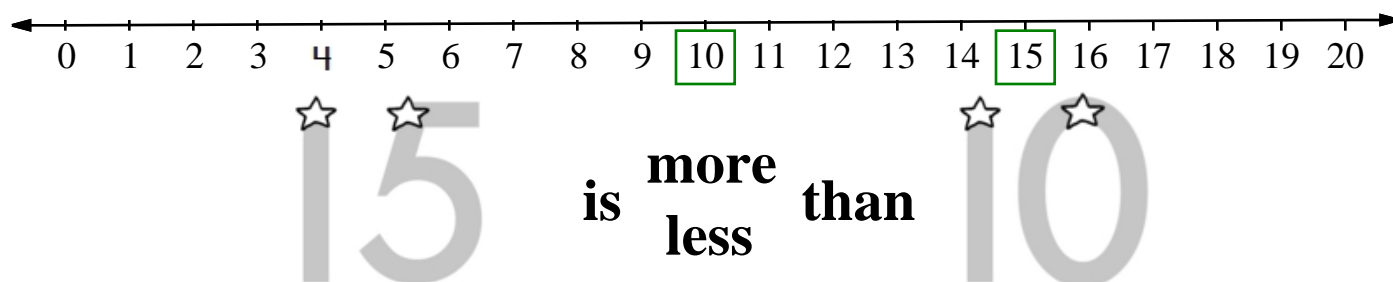
$\boxed{\phantom{00}} - \boxed{\phantom{00}} = \boxed{\phantom{00}}$

$19 - \boxed{\phantom{00}} = \boxed{\phantom{00}}$

$\boxed{\phantom{00}} - 2 = \boxed{\phantom{00}}$

$\boxed{\phantom{00}} - \boxed{\phantom{00}} = \boxed{\phantom{00}}$

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



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

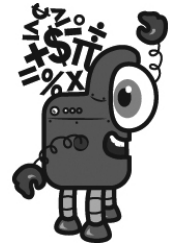
Mental Math

— #1 —



Start with the sum of 4 and 8.

12



Divide that number in half.

6 6 1 6 9 7 3 3 6 0 (Circle your answer to double check you are correct.) \_\_\_\_\_



Add a dozen.

2 9 4 3 1 1 8 3 6 4 \_\_\_\_\_



Add the digits in your number. The sum of that is your new number.

2 2 6 7 4 0 9 6 8 5 \_\_\_\_\_

Mental Math

— #2 —



Start with the number 6.

2 6 8 7 4 4 5 6 9 9 (Circle your answer to double check you are correct.) \_\_\_\_\_



Double that number.

6 0 1 2 2 7 9 9 1 0 \_\_\_\_\_



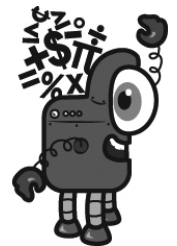
Subtract 6.

1 5 5 6 4 7 6 9 7 1 \_\_\_\_\_



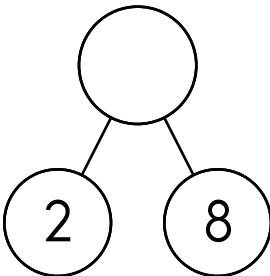
Double that number.

1 0 6 7 1 2 7 1 4 0 \_\_\_\_\_

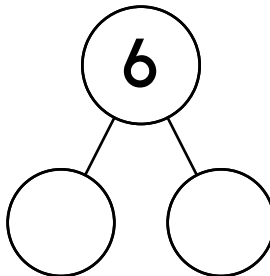


Name: \_\_\_\_\_

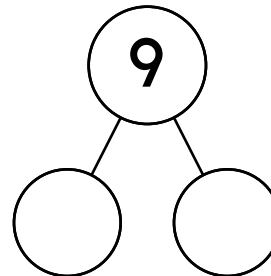
Pick from the numbers to complete each number bond.



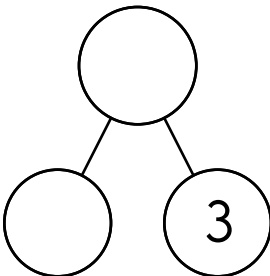
10  
10  
3  
11



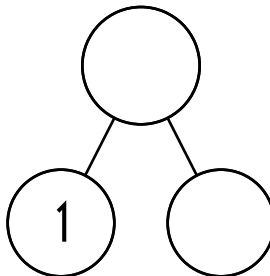
2  
2  
4  
4



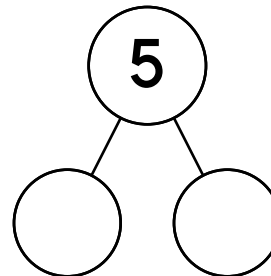
7  
1  
4  
2



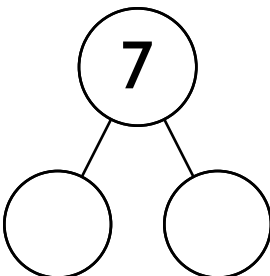
1  
5  
4  
3



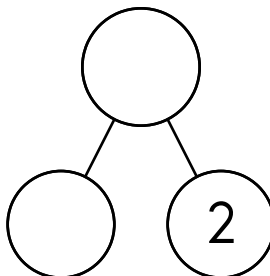
5  
7  
8  
8



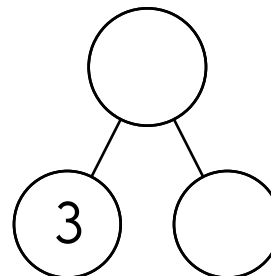
2  
4  
3  
3



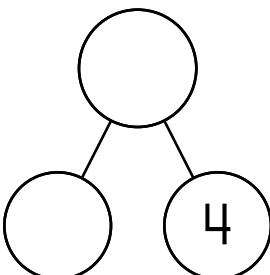
3  
3  
4  
3



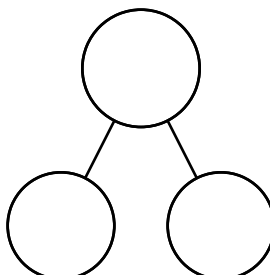
6  
4  
3  
2



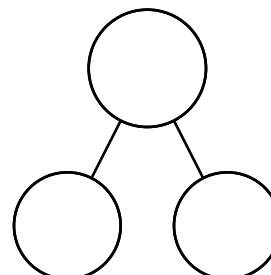
1  
8  
5  
1



5  
1  
3  
5



6 6  
2  
4  
3  
3



9  
5  
5  
4

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

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.

A block with 2 spaces must have the numbers 1 and 2.

A block with 3 spaces must have the numbers 1, 2, and 3.

A block with 4 spaces must have the numbers 1, 2, 3, and 4.

3	2	4	1
4	1	3	2
4	1	3	2

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

4 1 2 3

4	3	2	1
2	1		
4	3		
2	1	4	3

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

1 4 3 2

	4	2		1
2		1	4	
1	4	2	3	1

Hint - These numbers are missing:

3 3 1 2

1	4	1	3	1
2		2		2
1	4	1		1

Hint - These numbers are missing:

3 4 3

$0 + 2 = \underline{\hspace{2cm}}$

☐ 1      ☐ 2      ☐ 8

$14 - 5 = \underline{\hspace{2cm}}$

☐ 13      ☐ 9      ☐ 2

seven

☐ 4      ☐ 7      ☐ 8

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

Fill in the missing numbers.

	1	3	
3	2	4	
		3	1
3	2		2

Hint - These numbers are missing:

4 4 4 1 2 1

	2		2
4	3	4	3
2		2	
	4		4

Hint - These numbers are missing:

3 1 1 1 1 3

	4		3	1
1	3	2		2
		1	3	

Hint - These numbers are missing:

4 2 4 1 2 1

1		2	3	
	4	1		
1		2	3	1

Hint - These numbers are missing:

3 3 1 2 4 2

48, 49, \_\_\_\_, \_\_\_\_, 52,

\_\_\_\_

Which number should  
replace the first blank?

How much is this?



Circle all the ways to make  
9.

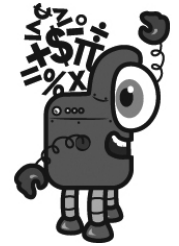
1 + 6	7 + 2	3 + 6
8 + 1	5 + 4	1 + 7
4 + 3	9 + 1	5 + 5



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

Mental Math

— #1 —



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

8

- Add 4 tens.

7 4 8 6 4 0 3 1 5 5 (Circle your answer to double check you are correct.) \_\_\_\_\_

- Double that number.

9 6 6 8 4 2 1 5 5 8

\_\_\_\_\_

- Add the number of legs on 3 chickens.

5 8 1 0 2 4 4 9 6 7

\_\_\_\_\_

- Round that number to the nearest ten.

6 1 0 0 3 4 8 7 2 1

\_\_\_\_\_

- Divide that number in half.

1 6 3 8 5 0 4 5 9 8

\_\_\_\_\_

- Add the digits in your number. The sum of that is your new number.

5 5 3 0 9 7 8 3 5 8

\_\_\_\_\_

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

Draw the missing spots in the patterns.

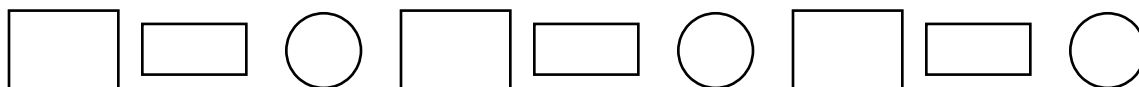
Show the pattern by putting the same letter under each shape or number.

☆ 5 ☆ 5 ☆ 1 ☆ 5 ☆ 5 ☆ 1 ☆ 5 ☆ 5 ☆ 1 ☆ 5 ☆ 5 ☆ 1 \_\_\_\_\_

A A B A A B A A B A A B A

☆ 4 ☆ 8 ☆ 7 ☆ 4 ☆ 8 ☆ 7 \_\_\_\_\_ ☆ 8 ☆ 7 ☆ 4 ☆ 8 ☆ 7 ☆ 4

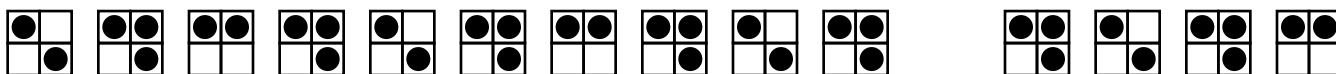
\_\_\_\_\_



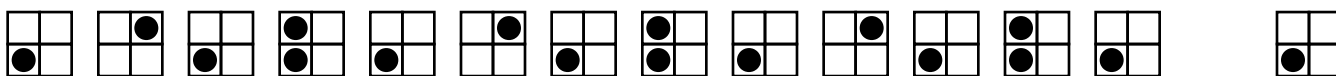
\_\_\_\_\_

☆ 7 ☆ 4 ☆ 4 ☆ 7 ☆ 4 ☆ 4 ☆ 7 ☆ 4 ☆ 4 ☆ 7 ☆ 4 \_\_\_\_\_ ☆ 7

\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

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

Draw the missing spots in the patterns.

☆ 4 ☆ 6 ☆ 7 ☆ 7 ☆ 4 ☆ 6 ☆ 7 ☆ 7 \_ ☆ 6 ☆ 7 ☆ 7 ☆ 4

☆ 8 ☆ 6 ☆ 6 ☆ 8 ☆ 6 ☆ 6 ☆ 8 \_ ☆ 6 ☆ 8 ☆ 6 ☆ 6 ☆ 8

☆ 4 ☆ 4 ☆ 9 ☆ 4 ☆ 4 ☆ 9 ☆ 4 \_ ☆ 9 ☆ 4 ☆ 4 ☆ 9 ☆ 4

Draw your own patterns.

☆ 0 ☆ 6 ☆ 7 ☆ 3 ☆ 0 ☆ 6 ☆ 7 ☆ 3 ☆ 0 ☆ 6 ☆ 7 ☆ 3 ☆ 0

ABCD pattern

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

Draw an ABA pattern.

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

Draw an ABB pattern.

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

Draw an ABCA pattern.

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

Draw an ABCD pattern.

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

I drew an \_\_\_\_\_ pattern.

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

Complete the pattern.

4	8	12	16	20	24	28	_____
---	---	----	----	----	----	----	-------

2	4	6	8	10	12	14	_____
---	---	---	---	----	----	----	-------

3	6	9	12	15	18	21	_____
---	---	---	----	----	----	----	-------

5	10	15	20	25	30	35	_____
---	----	----	----	----	----	----	-------

Do the words rhyme?



straw



saw



Yes



No

What month comes after October?

\_\_\_\_\_

Rose made six candies. She gave six to her friends. How many candies does she have left?

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

She has \_\_\_\_\_ candies left.

Which shows a way to make 10?

☐ 4 + 6

☐ 8 + 5

☐ 11 + 4

☐ 4 + 3

4 is more than

☐ 4

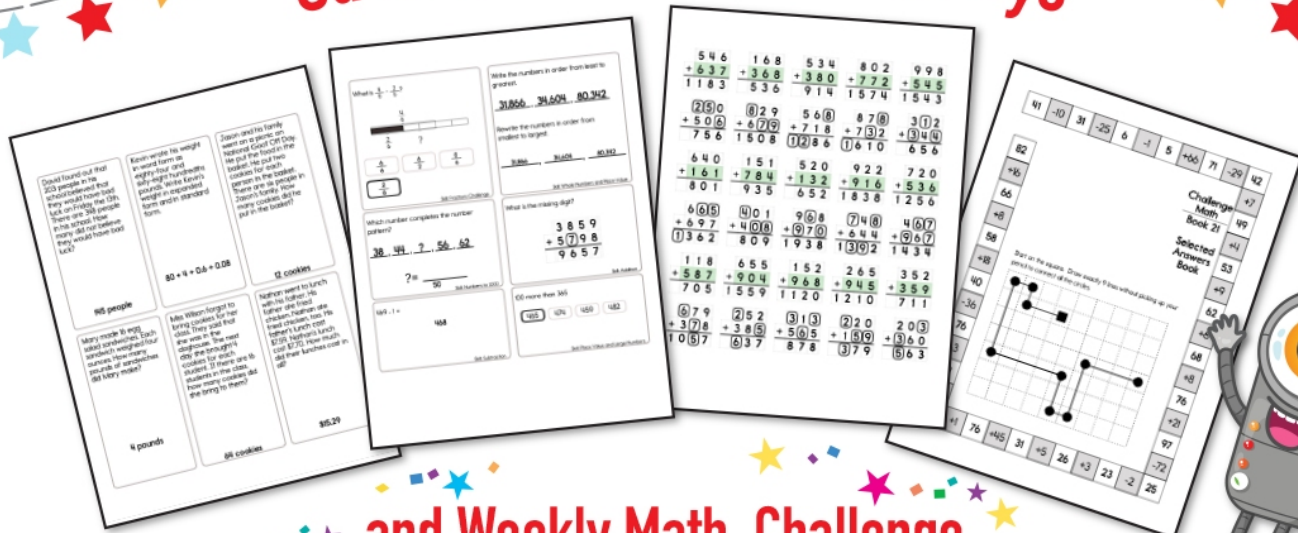
☐ 5

☐ 3

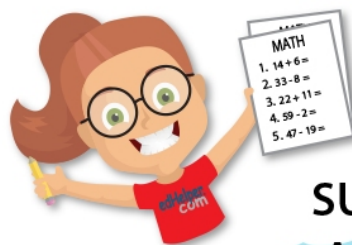
8 + 6

6 + 1

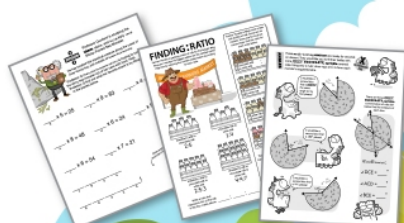
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x  
+ =  
- ÷  
< >

More puzzles!





