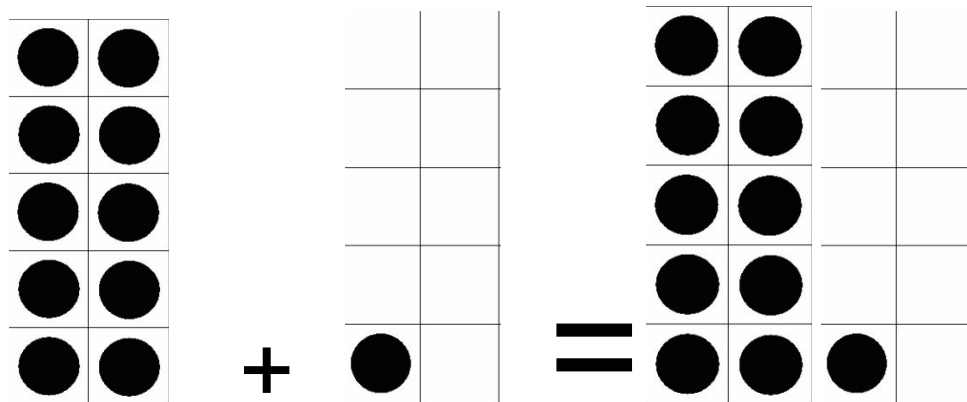


# Warm Up:

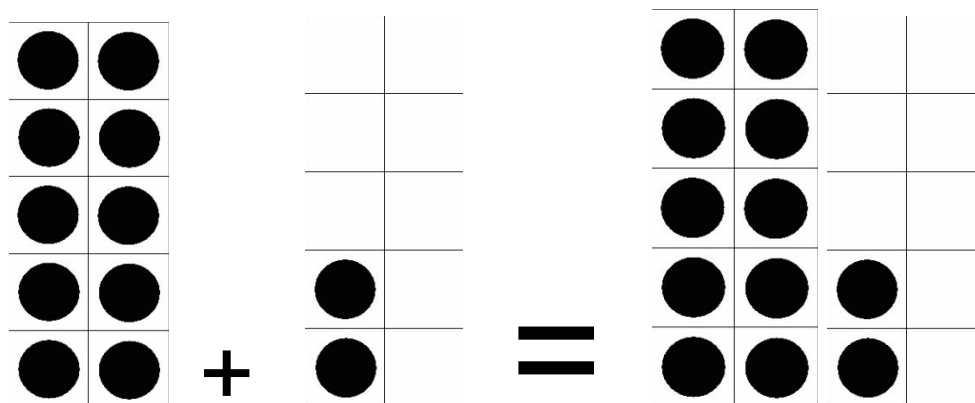
Take 5 minutes to write number sentences for each picture you see.

Here is an example:

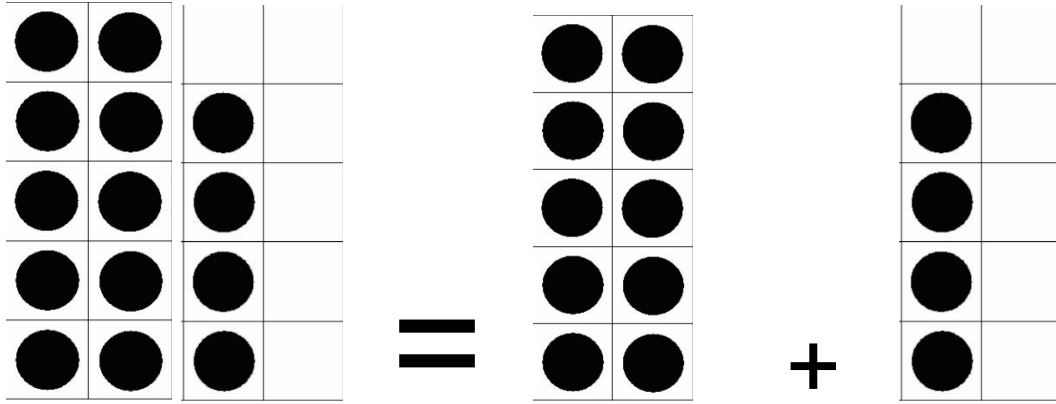


$$10 + 1 = 11$$

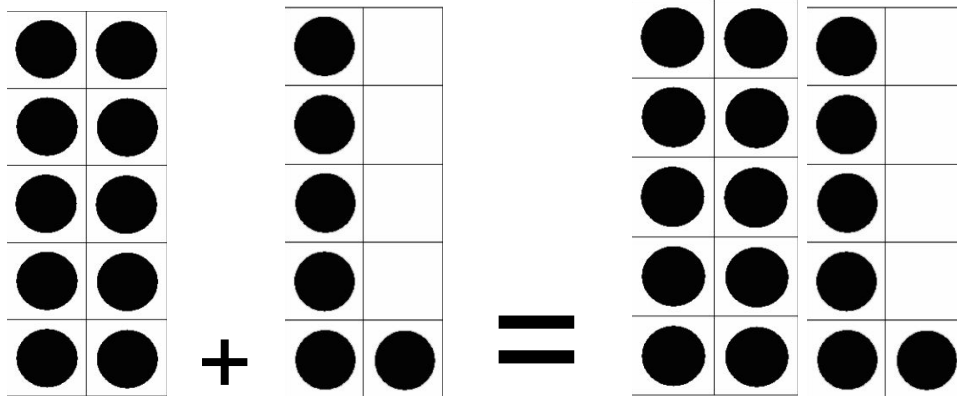
Now you give it a try:



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



\_\_\_\_\_ = \_\_\_\_\_ + \_\_\_\_\_



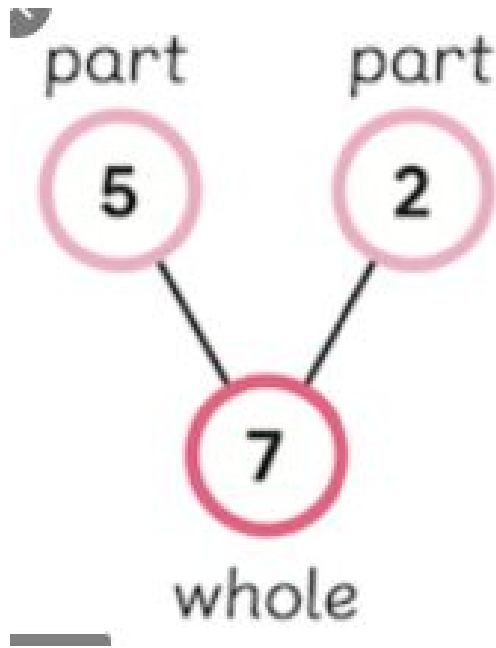
\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

$4 + 10 = \underline{\quad}$	
$3 + 10 = \underline{\quad}$	$\underline{\quad} = 10 + 7$
$2 + 10 = \underline{\quad}$	$\underline{\quad} = 10 + 8$
$1 + 10 = \underline{\quad}$	$17 = \underline{\quad} + 7$
$3 + 10 = \underline{\quad}$	$3 + \underline{\quad} = 13$
$\underline{\quad} = 10 + 6$	$\underline{\quad} + 10 = 16$
$\underline{\quad} = 10 + 9$	$18 = \underline{\quad} + 10$
$\underline{\quad} = 10 + 5$	$17 = 7 + \underline{\quad}$

1.	$10 + 5 = \underline{\quad}$
2.	$10 + 4 = \underline{\quad}$
3.	$10 + 3 = \underline{\quad}$
4.	$10 + 2 = \underline{\quad}$
5.	$10 + 1 = \underline{\quad}$
6.	$10 + 5 = \underline{\quad}$
7.	$\underline{\quad} = 10 + 4$
8.	$\underline{\quad} = 10 + 2$

## Math with Number Bonds!

Number bonds show a **part** and another **part** and a **whole**. We call the **whole** the **target number**.

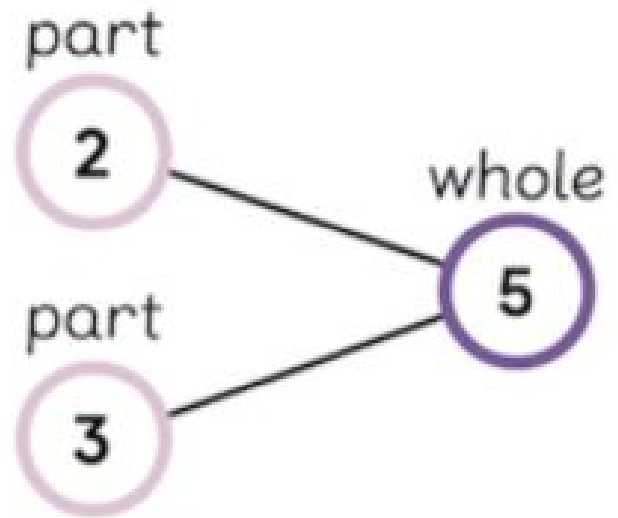


$$5 + 2 = 7$$

$$2 + 5 = 7$$

$$7 - 5 = 2$$

$$7 - 2 = 5$$



$$2 + 3 = 5$$

$$3 + 2 = 5$$

$$5 - 3 = 2$$

$$5 - 2 = 3$$

# Let's look at some number bonds with a target number of 10.

Name \_\_\_\_\_

Date \_\_\_\_\_

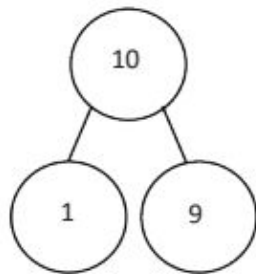
1. Add or subtract. Complete the number bond for each set.

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

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

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

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

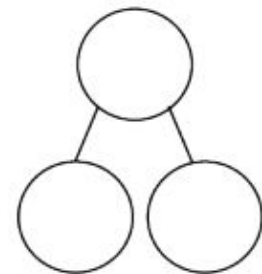


$8 + 2 = \underline{\quad}$

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

$10 - 2 = \underline{\quad}$

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



2. Solve. Draw a number bond for each set.

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

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

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

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

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

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

$10 - 7 = \underline{\quad}$

$10 - 3 = \underline{\quad}$

Name \_\_\_\_\_

Date \_\_\_\_\_

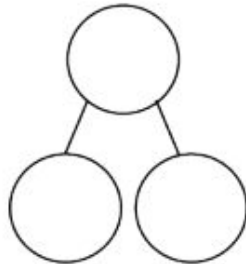
1. Add or subtract. Complete the number bond to match.

a.  $9 + 1 = \underline{\quad}$

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

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

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

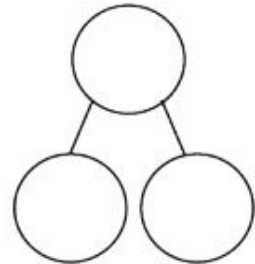


b.  $4 + 6 = \underline{\quad}$

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

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

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



2. Solve.

a.  $10 + 5 = \underline{\quad}$

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

c.  $10 + 8 = \underline{\quad}$

3. Solve.

$10 = 7 + \underline{\quad}$

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

$10 = 3 + \underline{\quad}$

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

$10 = 5 + \underline{\quad}$

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

$10 = 2 + \underline{\quad}$

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

1. Pick a target number between 8 and 20. That means your target number can be as little as 8, as big as 20, or any number in between.

2. Write your target number in the circle .

Target Number:



3. Now think of as many numbers that can go together to make your target number. For each number bond write two numbers that add together to make your target number.



