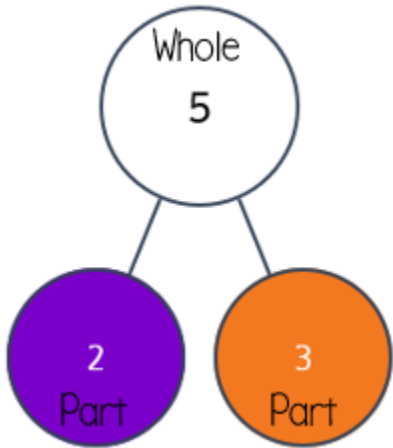


# 1st Grade Mission 1 Notes

## Number Bond



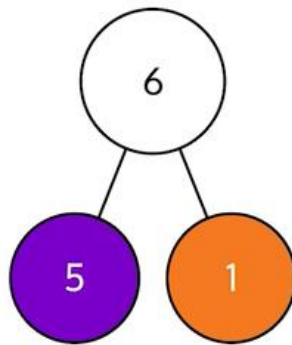
## Whole/Total



Part



Part



Match the pictures with the number bond!

5 butterflies, Add 1 more

6 is 1 more than 5

Number Sentence-  $5 + 1 = 6$

Number Sentence-  $6 = 5 + 1$

In all means total/whole

Different ways to write an addition sentence:

$$6 + 2 = 8$$

Parts      whole

$$2 + 6 = 8$$

parts      whole

$$8 = 2 + 6$$

whole      parts

$$8 = 6 + 2$$

whole      parts

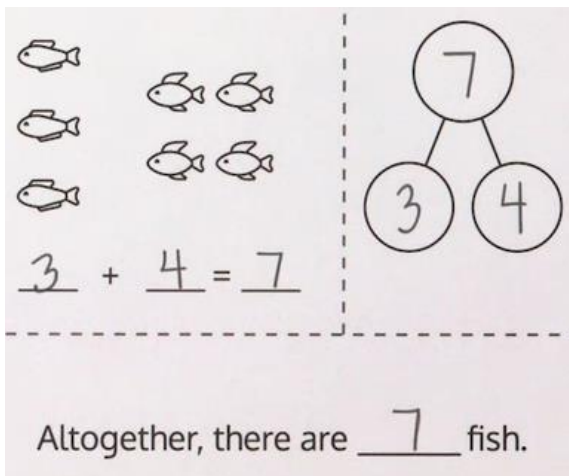
$$4 + ? = 7$$

When trying to find the missing part, **count on** until you get to your total.

$$10 = 8 + ?$$

<u>Ways to Make 1</u> $0 + 1 = 1$ $1 + 0 = 1$	<u>Ways to Make 2</u> $0 + 2 = 2$ $1 + 1 = 2$ $2 + 0 = 2$	<u>Ways to Make 3</u> $0 + 3 = 3$ $1 + 2 = 3$ $2 + 1 = 3$ $3 + 0 = 3$	<u>Ways to Make 4</u> $0 + 4 = 4$ $1 + 3 = 4$ $2 + 2 = 4$ $3 + 1 = 4$ $4 + 0 = 4$	<u>Ways to Make 5</u> $0 + 5 = 5$ $1 + 4 = 5$ $2 + 3 = 5$ $3 + 2 = 5$ $4 + 1 = 5$ $5 + 0 = 5$
<u>Ways to Make 6</u> $0 + 6 = 6$ $1 + 5 = 6$ $2 + 4 = 6$ $3 + 3 = 6$ $4 + 2 = 6$ $5 + 1 = 6$ $6 + 0 = 6$	<u>Ways to Make 7</u> $0 + 7 = 7$ $1 + 6 = 7$ $2 + 5 = 7$ $3 + 4 = 7$ $4 + 3 = 7$ $5 + 2 = 7$ $6 + 1 = 7$ $7 + 0 = 7$	<u>Ways to Make 8</u> $0 + 8 = 8$ $1 + 7 = 8$ $2 + 6 = 8$ $3 + 5 = 8$ $4 + 4 = 8$ $5 + 3 = 8$ $6 + 2 = 8$ $7 + 1 = 8$ $8 + 0 = 8$	<u>Ways to Make 9</u> $0 + 9 = 9$ $1 + 8 = 9$ $2 + 7 = 9$ $3 + 6 = 9$ $4 + 5 = 9$ $5 + 4 = 9$ $6 + 3 = 9$ $7 + 2 = 9$ $8 + 1 = 9$ $9 + 0 = 9$	<u>Ways to Make 10</u> $0 + 10 = 10$ $1 + 9 = 10$ $2 + 8 = 10$ $3 + 7 = 10$ $4 + 6 = 10$ $5 + 5 = 10$ $6 + 4 = 10$ $7 + 3 = 10$ $8 + 2 = 10$ $9 + 1 = 10$ $10 + 0 = 10$

Use a picture to tell a math story



Altogether, there are 7 fish.



Equal = means the same amount (number).

$5 + 3 = 8$

$3 + 5 = 8$

# Doubles

$1 + 1 = 2$

$2 + 2 = 4$

$3 + 3 = 6$


$4 + 4 = 8$

$5 + 5 = 10$

I can use **addition** or **subtraction** to find the missing part.

Maya had 3 toy cars. Then her friend gave her some more cars. Now Maya has 5 cars.

How many toy cars did Maya's friend give her?



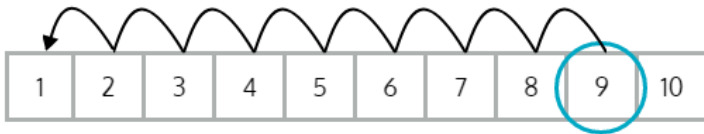
$3 + 2 = 5$

$5 - 3 = 2$

Maya's friend gave her 2 cars.

$9 - 8 = ?$  I can count back and subtract

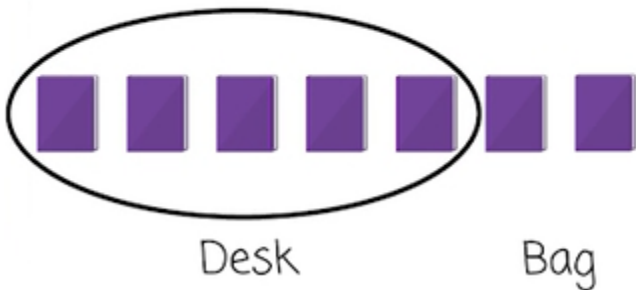
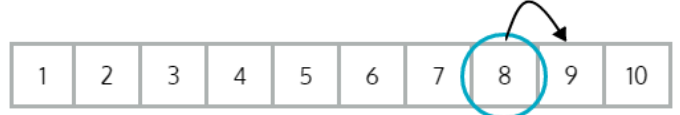
Whole



OR

I can count on and add.  $8 + ? = 9$

whole



Ethan has 5 books on his desk.

He has some more books in his bag.

He has 7 books altogether.

How many books are in his bag?

$5 + \_ = 7$

OR

$7 - 5 =$

Kayla baked 7 cookies.

Her friends ate some.

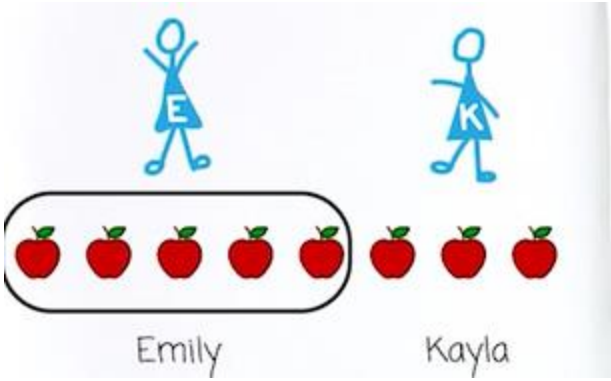
Now Kayla has 5 cookies.

How many cookies did her friends eat?

This means that Kayla has **fewer** cookies.



$$7 - \underline{\quad} = 5$$



There are 8 apples.

5 are Emily's.

The rest are Kayla's.

How many are Kayla's?

$$\underline{5} + \underline{3} = \underline{8}$$

$$\underline{8} - \underline{5} = \underline{3}$$



$$9 - 1 = 8$$



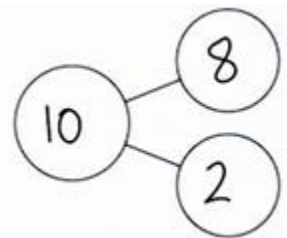
$$10 - 10 = 0$$



$$1 = 7 - 6$$

$$10 - 8 = \underline{2}$$

$$10 - 2 = \underline{8}$$



$$3 + 5 = 8$$

$$5 + 3 = 8$$

$$8 - 5 = 3$$

$$8 - 3 = 5$$

Related facts