

1st Grade Mission 2 Notes

Read the problem

A classroom had a box full of different types of blocks.

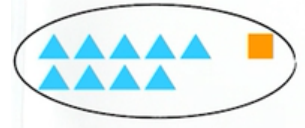
There were 9 triangle blocks, 1 square block, and 4 circle blocks.

How many blocks were in the box in total?

Draw a picture to match the problem and solve.



$$9 + 1 + 4 = ?$$



Make a 10

$$9 + 1 + 4 =$$

$$10 + 4 = 14$$

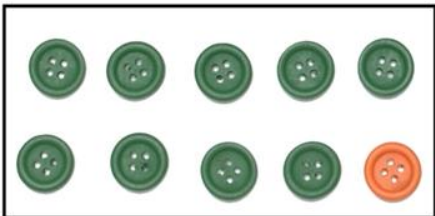
Write your answer in a sentence.

There were 14 blocks in the box.

Ways to Make a 10

$0 + 10 = 10$	$1 + 9 = 10$	$2 + 8 = 10$	$3 + 7 = 10$	$4 + 6 = 10$	$5 + 5 = 10$
$6 + 4 = 10$	$7 + 3 = 10$	$8 + 2 = 10$	$9 + 1 = 10$	$10 + 0 = 10$	

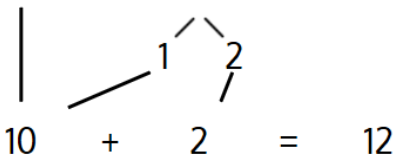
Move button to make 10



$9 + 3$ (started with 9 green and 3 pink)

$10 + 2$ (now 10 buttons and 2 pink)

$$9 + 3 = 12$$



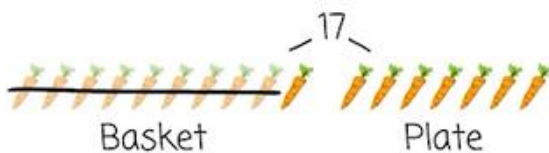
$$10 + 2 = 12$$

9 needs 1 more to make a 10. Break 3 into 1 and 2.

A bunny had 17 carrots. 10 were in a basket, and 7 were on a plate.

She ate 9 carrots from the basket.

How many carrots are left?



$$17 - 9 = 8$$

There are 8 carrots left.

In the basket: 1

On the plate: 7

Take from 10 Strategy for Subtraction

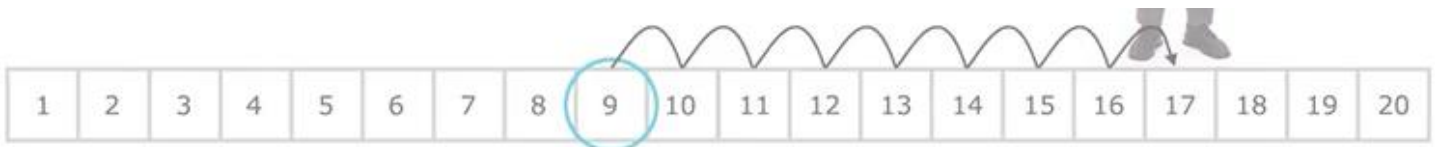
$$12 - 9$$



Draw out the **whole number** (12), then take away **the part** (9).

They drew 12 by using a 10 and 2 ones.

Count On Strategy for Subtraction

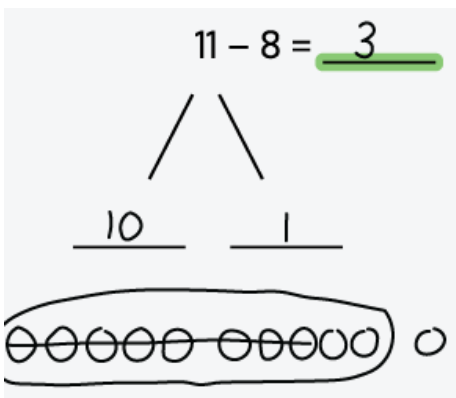


$$17 - 9 = 8$$

Step 1: Start at the part we know (9).

Step 2: Count on until you get to the whole (17)

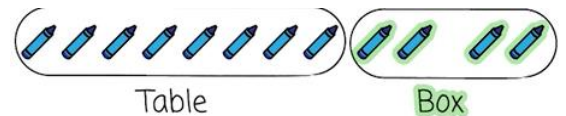
Step 3: How many places did you jump to get to the whole? (8)



Zearny has 12 crayons.

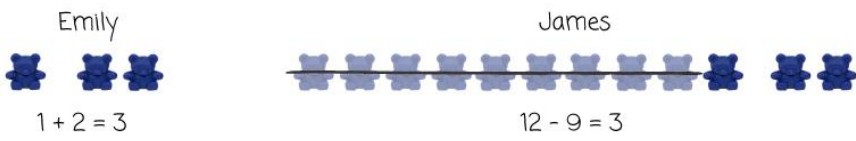
8 of the crayons are on the table and some more crayons are in the box.

How many crayons are in the box?



$$8 + 4 = 12$$

There are 4 crayons in the box.

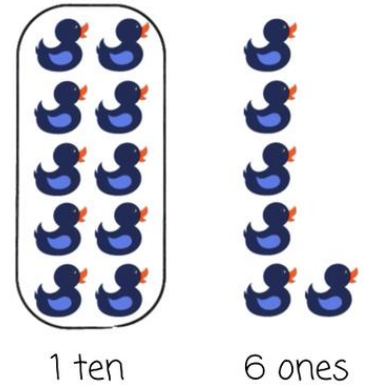


Equal (=) - means the same amount

$$8 + 5 = 10 + 3$$

$$1 + 2 = 12 - 9$$

TENS AND ONES



How many tens and ones make up 15?

1 ten and 5 ones

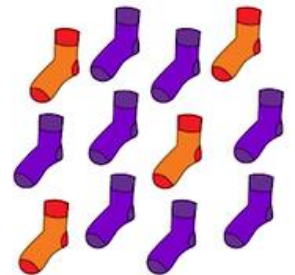
16 ducks

READ

Maya has 8 purple socks and 4 orange socks.

How many socks does she have in total?

DRAW/SOLVE



$$8 + 4 = ?$$

2

2

WRITE

Maya has 12 socks in total.

1 ten and 2 ones

READ

Ethan has 13 books on his bookshelf, and he already read 8 of them.

How many books does Ethan still need to read?

DRAW/SOLVE



$$\begin{array}{|c|c|} \hline 1 & 3 \\ \hline \end{array} - 8 = 5$$

10 3

$$10 - 8 = 2$$
$$2 + 3 = 5$$

WRITE

Ethan still needs to read 5 books.