



CLICK HERE TO ACTIVATE

LESSON
PART 2



4

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SUBTRACTION UPTO 20

READY ... STEADY

Recite this poem.

A cat that was fat,
Liked to subtract,
Liked making small things go away ...

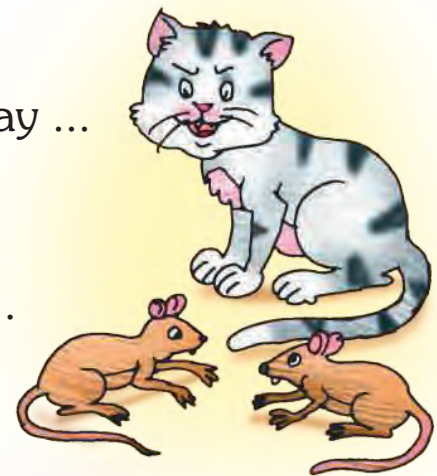
One day she spied mice,
She treated them nice,
3 of them joined cat to play ...

But then 1 was gone,
And fat cat played on,
Playing with 2 little mice,

Until there was 1,
And cat wasn't done,
Playing with the cat,
The mouse had a price ...

Then there were none,
What had cat done ?
She'd eaten the last little mouse ...

Nope !
Fat lazy cat,
Hadn't done that,
She have brought them to play at her house.... .



‘Subtraction’ means ‘to take away’.

‘-’ sign is used for subtraction. The symbol ‘-’ is read as MINUS.

The number left over when you take away certain number from a group of numbers is called the *difference*.

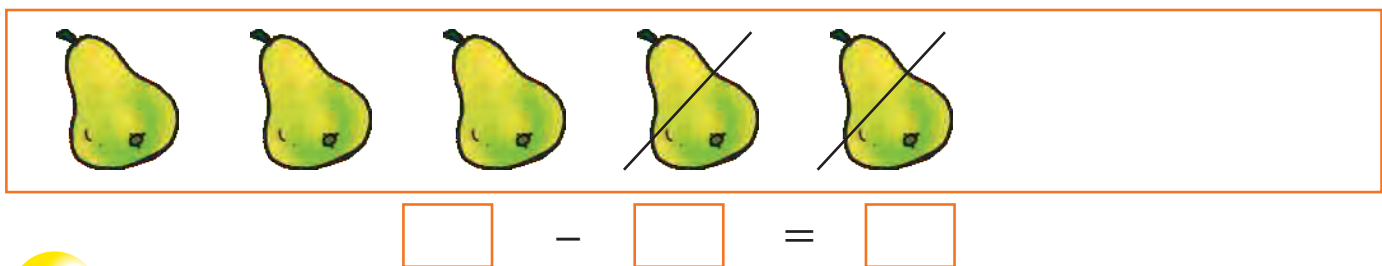
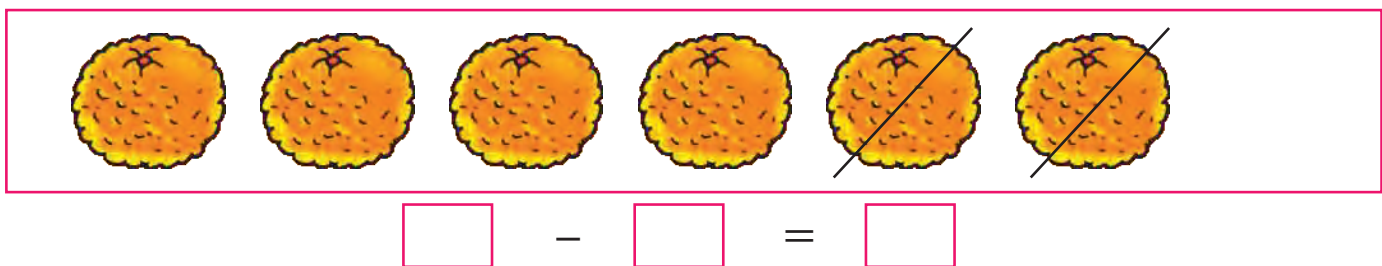
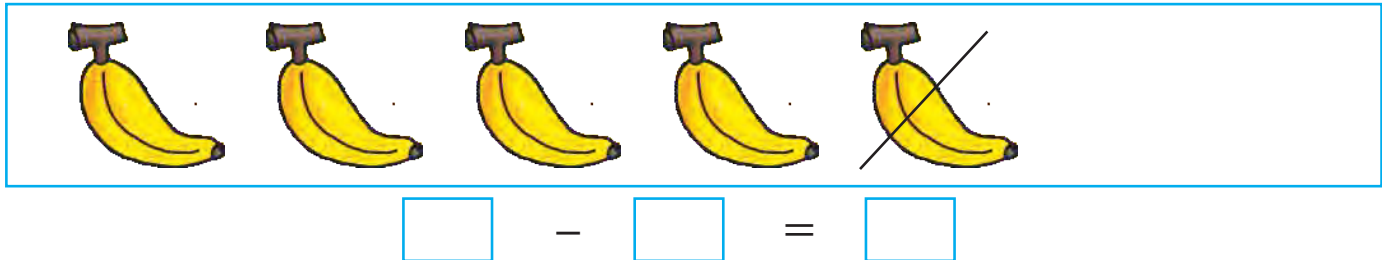


When we subtract 1 from 4, we get 3 as the difference.

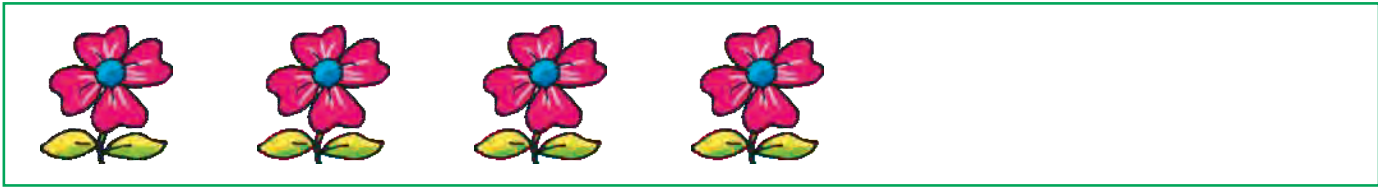
We write this as $4 - 1 = 3$.

We read this as : 4 minus 1 equals 3.

Count and write how many are there after subtraction.



Subtract by crossing out.



$$4 - 1 = \square$$



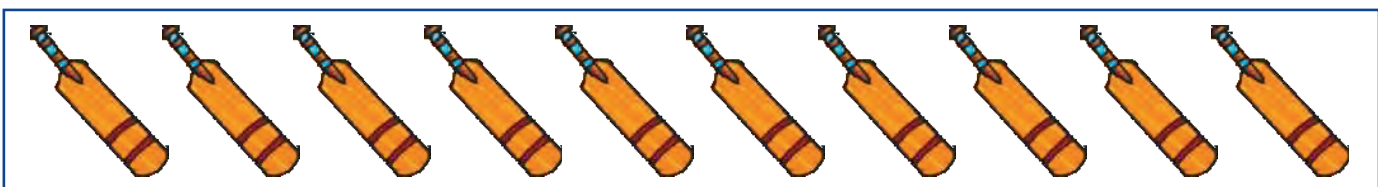
$$9 - 4 = \square$$



$$6 - 2 = \square$$



$$8 - 3 = \square$$



$$10 - 7 = \square$$



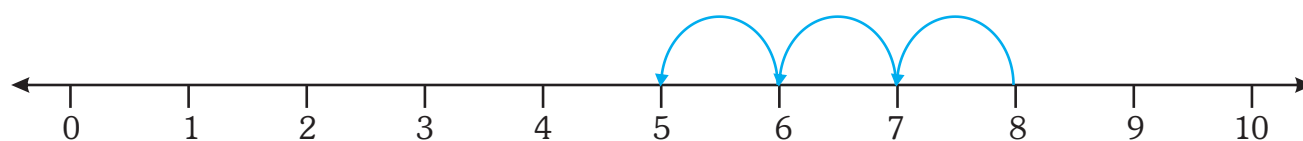
$$7 - 2 = \square$$

SUBTRACTION ON THE NUMBER LINE

Subtract 3 from 8 on the number line.

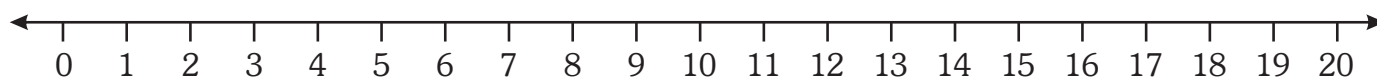
Step 1 : Start at 8.

Step 2 : Count backwards 3 times. We reach 5.

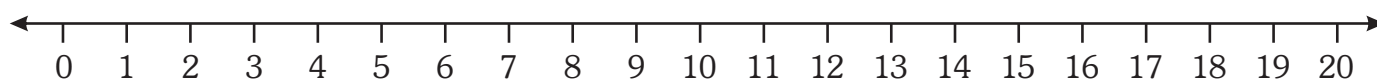


$$8 - 3 = 5$$

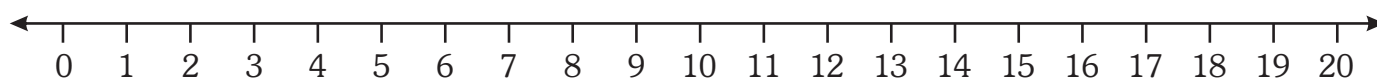
Subtract on the number line.



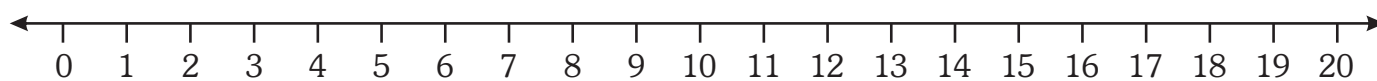
$$14 - 5 = \boxed{}$$



$$16 - 8 = \boxed{}$$



$$19 - 11 = \boxed{}$$



$$18 - 5 = \boxed{}$$

SUBTRACTION FACTS

Subtracting one

Subtracting one from a number, gives the number immediately before it.

$$9 - 1 = 8$$

$$7 - 1 = 6$$

$$6 - 1 = 5$$

Subtracting zero

$$5 - 0 = 5$$

$$8 - 0 = 8$$

$$9 - 0 = 9$$

Subtracting zero from a number, gives the same number.

Subtracting the number itself

If a number is subtracted from itself, the answer is zero.

$$6 - 6 = 0$$

$$7 - 7 = 0$$

$$2 - 2 = 0$$

Subtract the following.

$$5 - 1 = \square$$

$$8 - 8 = \square$$

$$4 - 0 = \square$$

$$3 - 0 = \square$$

$$4 - 1 = \square$$

$$4 - 4 = \square$$

$$7 - 0 = \square$$

$$3 - 1 = \square$$

$$9 - 9 = \square$$

HORIZONTAL SUBTRACTION

Numbers can be arranged horizontally and subtracted. It is called *horizontal subtraction*.

$$5 - 2 = 3$$



Subtract the following numbers.

$$2 - 1 = \square$$

$$4 - 1 = \square$$

$$8 - 6 = \square$$

$$6 - 2 = \square$$

$$7 - 2 = \square$$

$$5 - 4 = \square$$

$$9 - 4 = \square$$

$$3 - 2 = \square$$

$$6 - 5 = \square$$

$$7 - 3 = \square$$

$$9 - 5 = \square$$

$$4 - 3 = \square$$

$$8 - 5 = \square$$

$$5 - 3 = \square$$

$$7 - 7 = \square$$

$$7 - 1 = \square$$

$$8 - 4 = \square$$

$$6 - 3 = \square$$

$$7 - 6 = \square$$

$$7 - 4 = \square$$

$$8 - 1 = \square$$

$$8 - 7 = \square$$

$$8 - 3 = \square$$

$$9 - 3 = \square$$

$$8 - 2 = \square$$

$$9 - 2 = \square$$

$$9 - 9 = \square$$


$$9 - 8 = \square$$

$$6 - 6 = \square$$

$$5 - 1 = \square$$

VERTICAL SUBTRACTION

Numbers can be arranged vertically and subtracted. It is called *vertical subtraction*.

$$\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$$

$$7 - 3 = 4$$

We see that the answer is the same for vertical as well as horizontal subtraction.

Subtract the following numbers vertically and write the answers in the blanks.

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

WORD PROBLEMS

There were 5 pizzas. One has been taken away. How many were left ?



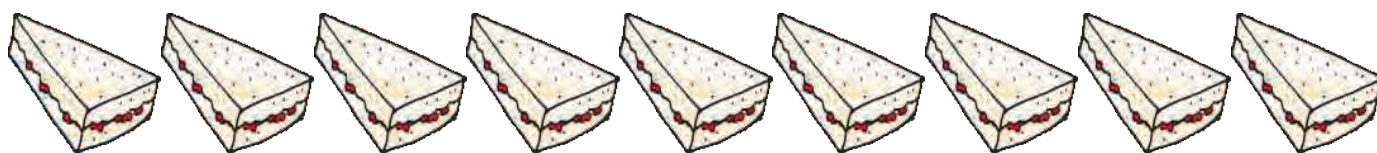
$$\boxed{5} - \boxed{1} = \boxed{}$$

Kartik had 8 glasses. 2 glasses were broken. How many were left ?



$$\boxed{} - \boxed{} = \boxed{}$$

Ria and Arun made 9 sandwiches. 4 sandwiches were made by Ria. So, how many were made by Arun ?



$$\boxed{} - \boxed{} = \boxed{}$$

Rinky had 7 teddy bears. She gave 5 teddy bears to her sister. How many teddy bears does Rinky have now ?



$$\boxed{} - \boxed{} = \boxed{}$$

WORKSHEET

Solve the following and find the final answer.

