



ADDITION UPTO 10

Let us learn to add two numbers.

It is my friend's birthday. She distributes sweets in the class.

She gives me two sweets. Then she gives me three more.

How many sweets do I have? Let us see.



We write it as $2 + 3 = 5$

We read it as "two plus three equals five".

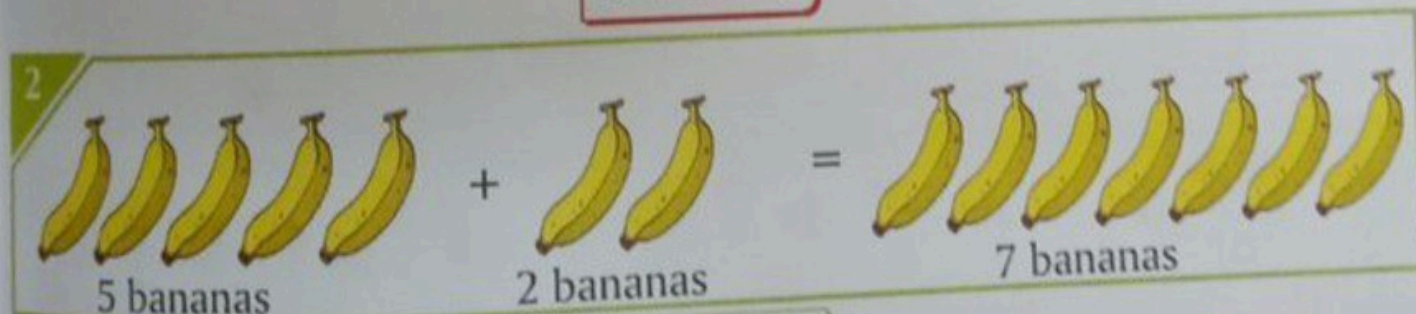
'+' is the sign of addition.



Let us try some more examples.



$$3 + 1 = 4$$



$$5 + 2 = 7$$

When we combine two or more collections, we call it addition.

Starting Addition

Activity-1

Count and add. The first one has been done for you.

1.



and



is



2

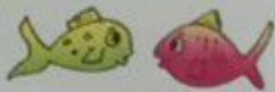
+

3

=

5

2.



and



is



2

+

1

=

3

3.



and



is



3

+

1

=

4

4.



and



is



8

+

2

=

10

5.



and



is



3

+

4

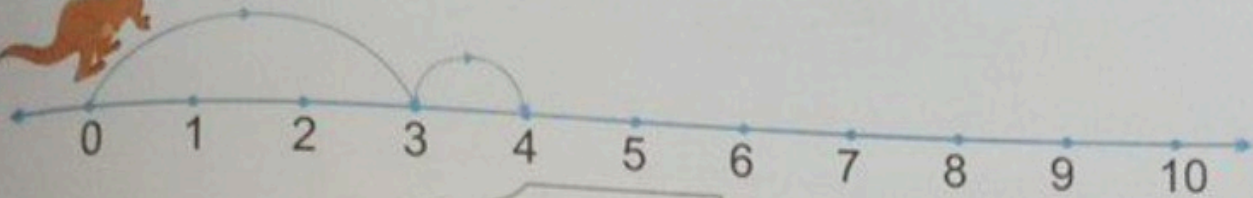
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7

Addition on the Number Line

We can also add by counting on the number line. Start from zero, count in increasing order to reach the desired number.

Harry Kangaroo wants to add 3 and 1. He starts from 0 and jumps to 3 on the number line, then he jumps one place ahead. Now he is on 4.



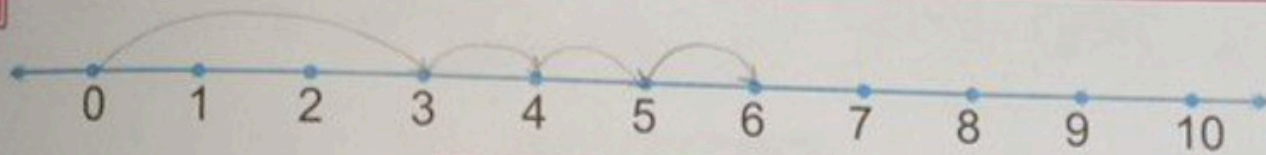
So, $3 + 1 = 4$

Activity-2



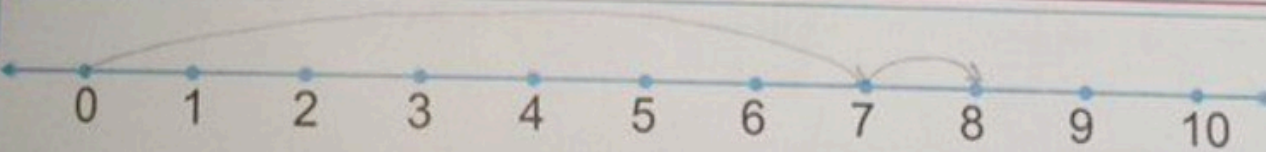
Help me add on the number line.

1



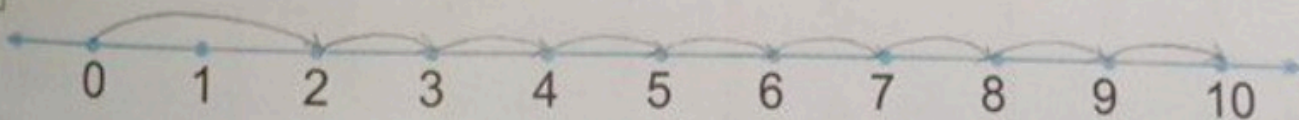
$3 + 3 = 6$

2



$7 + 1 = 8$

3



$2 + 8 = 10$

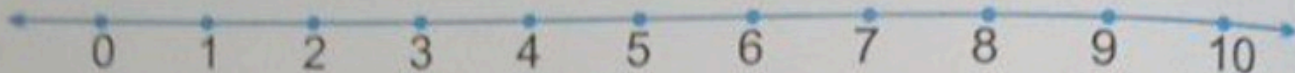
Activity-3

Addition is done both horizontally as well as vertically. The answer is same in both cases.



$$\begin{array}{r} 7 + 2 = 9 \\ \hline \end{array}$$

1. Add by using the number line :



$5 + 2 = \boxed{7}$

$3 + 2 = \boxed{5}$

$2 + 4 = \boxed{6}$

$3 + 6 = \boxed{9}$

$1 + 4 = \boxed{5}$

$2 + 2 = \boxed{4}$

2. Add vertically :

$$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$$

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

$$\begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$$