

# Properties of Addition

## Adding One

1.



and



is



6

+

1

=

7

2.



and



is



5

+

1

=

6

When 1 is added to a number, the answer is the number that comes just after that number.



### Activity-4

Fill in the blanks :

$$1 + \quad = 2$$

$$2 + 1 = \boxed{3}$$

$$3 + 1 = \boxed{4}$$

$$4 + \boxed{1} = 5$$


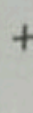

$$6 + \boxed{1} = 7$$




$$\boxed{7} + 1 = 8$$




### Teacher Tip:

Encourage the students to use concrete objects such as books, pencils, crayons, toffees, chalk pieces etc. for adding. The concept of 'more' to be emphasised in addition.

## Adding Zero

1.  +  =   
five balls + zero balls = five balls

2.  +  =   
zero apples + three apples = three apples

3.  +  =   
four dolls + zero dolls = four dolls

When we add zero to a number, the answer is the same number.



### Activity-5

1.  $2 + 0 =$

2

4.  $9 + 0 =$

9

2.  $0 + 5 =$

5

5.

8

+

0

=

8

3.  $0 +$

6

=

6

6.

10

+

0

=

10



#### Teacher Tip:


The concept of zero should be made clear. 'Zero' here would mean 'nothing'. So, when we add nothing to a number, the number does not change.

# Order in Addition

I go to buy ice-creams with my sister. I buy 3 ice-creams and my sister buys 4. Together we buy 7.

We write the sum like this :

me + sister = Together


$$3 + 4 = 7$$

Or like this :

sister + me = Together


$$4 + 3 = 7$$

The answer is same in both cases. Try these out for yourself to check.

## Activity-6

1.  $2 + 4 = 6$        $2 + 4 = 4 + 2$

$4 + 2 = 6$

2.  $5 + 3 = 8$        $5 + 3 = 3 + 5$

$3 + 5 = 8$