



**CLASS : 2**  
**SESSION NO. : 2**  
**SUBJECT : MATHEMATICS**  
**TOPIC: CH-3 ADDITION**  
**SUB TOPIC:PROPERTIES OF ADDITION.**

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**CHANGING YOUR TOMORROW**

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## Activity

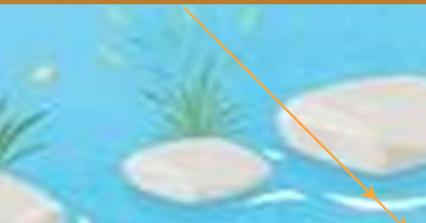
$$2 + 3 = 5$$



$$3 + 2 = 5$$



$$3 + 2 = 5$$



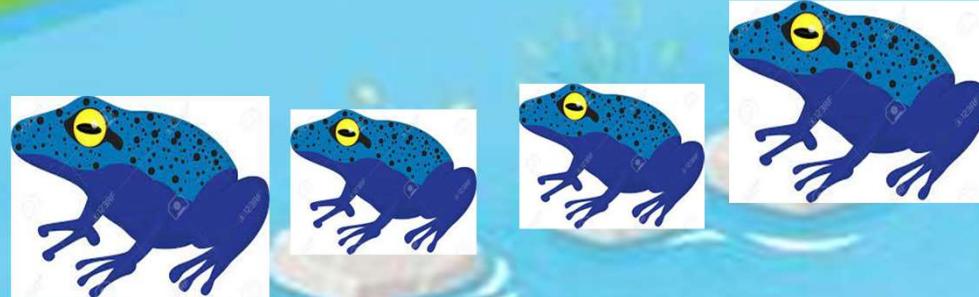
$$5+1=6$$

→sum



**The sum obtained after adding 1 to any number is the next number, also called the successor of that number.**

$$4 + 0 = 4$$



**The sum obtained after adding 0 to any number is the number itself.**

# Properties of Addition



Fill in the blanks.

1. The sum obtained upon addition of 2 or more numbers remains the same even changing their order.
2. The sum obtained after adding 0 to any number is the number itself.
3. The sum obtained after adding 1 to any number is the next number, also called the **successor** of that number.

**CW**

## **Exercise**

**1. By actual calculation, prove that the sum of the following remain same after reversing the order.**

$$\text{a) } 32 + 45 = 77$$

$$\text{b) } 125 + 3 = 128$$

$$45 + 32 = 77$$

$$3 + 125 = 128$$

$$32 + 45 = 77$$


## 2.Add the following:

a)  $83+0= 83$

b)  $94+0= 94$

c)  $21+0= 21$

d)  $45+0= 45$

## 3.Find the successors of the following:

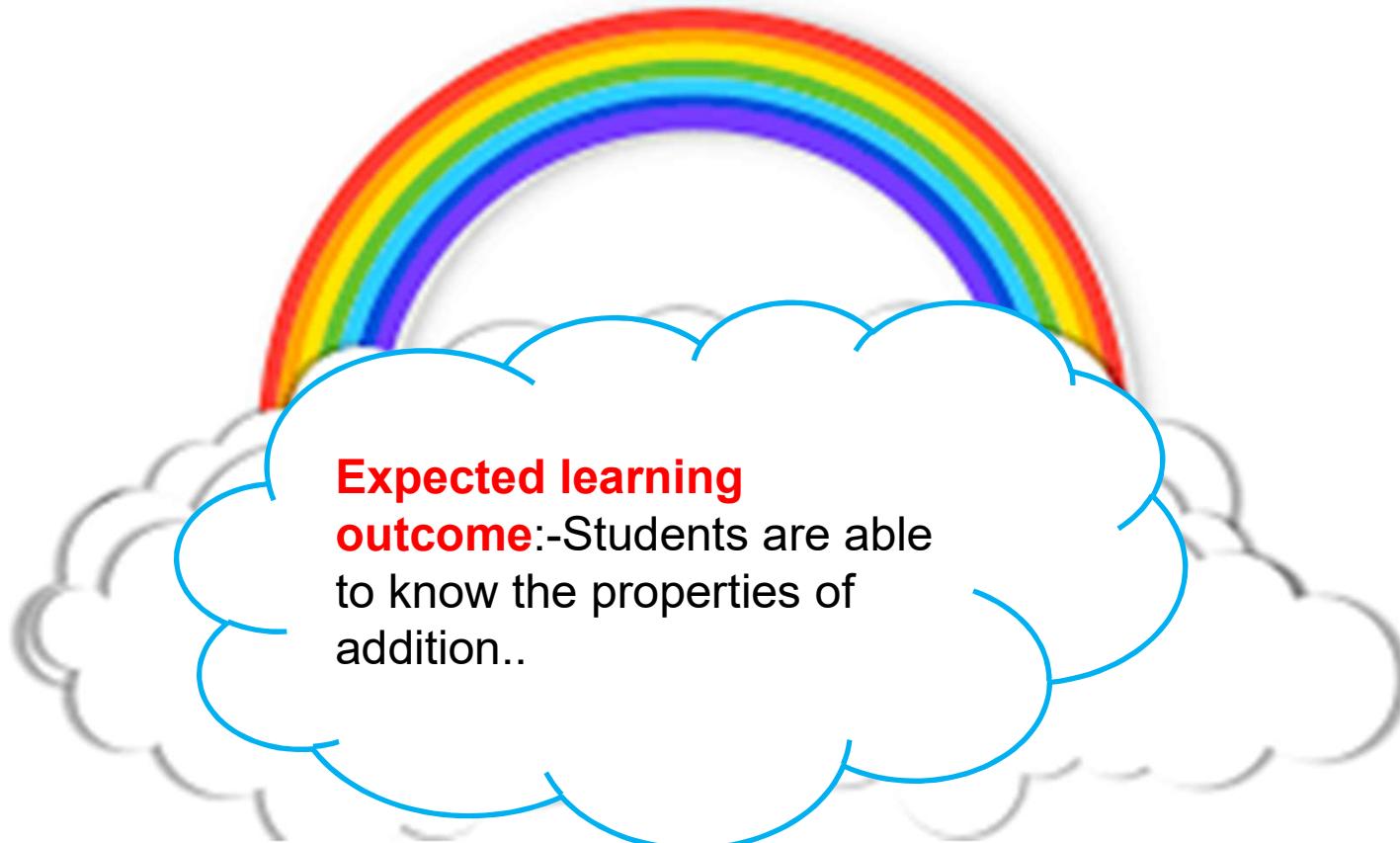
a) 25     $25 +1=26$

b) 39     $39+ 1=40$

c) 123     $123 +1=124$

d) 145     $145+ 1=146$

e) 44     $44 +1=45$



**SUB**

**HOME ASSIGNMENT**

**Mathematics**



**THANKING YOU**  
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