

**Activity #1: By keeping in mind the integers, Choose the one option for each given situation**

(i) Going 15<sup>th</sup> floors above the ground.

+15

/

-15

(ii) Moving 30 m below sea level.

+30

/

-30

(iii) Withdrawing \$65 from a bank.

+65

/

-65

(iv) Going 2 floors above the ground.

+2

/

-2

(v) Flying 35 km above the sea level.

+35

/

-35

**Activity #2: Choose the best option.**

**a)** No. of positive integers are there in between -5 and 5.

a) 11

b) 5

c) 4

d) 9

**b)** What is the smallest negative number?

a) -1

b) -5

c) -10

d) Does not exist

**c)** Which of the following shows the maximum fall in temperature?

a) 5°C to 10°C

b) 10°C to 7°C

c) 5°C to -5°C

d) None of these

**d)** The integer which is 15 units to the left of zero on the number line is equal to:

a) 15

b) -15

c) 20

d) None of these

**e)** The set of whole numbers and opposite of counting numbers is called :

a) Natural Number

b) Whole Number

c) Integers

d) None of these

**f)** The number which is neither positive nor negative is :

a) 1

b) 2

c) 3

d) 0

**g)** Opposite of rise in temperature by 10°C.

a) 10°C

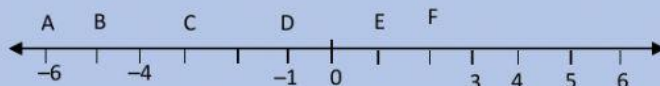
b) -10°C

c) Fall in temperature by 10°C.

d) Both (b) &amp; (c)

**Activity #3: Write the number that is at each lettered point on the number line given at right also answer the questions mentioned at the end .**

(i) A \_\_\_\_\_ (ii) B \_\_\_\_\_



(iii) C \_\_\_\_\_ (iv) D \_\_\_\_\_ (v) E \_\_\_\_\_ (vi) F \_\_\_\_\_

(vii) Write the least positive number : \_\_\_\_\_

(viii) Which Integer is three steps away from zero on right side? \_\_\_\_\_

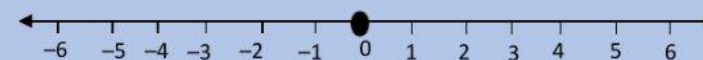
(ix) The **predecessor** of 0 is \_\_\_\_\_

**Activity #4: Match the expression to it's correct representation.**

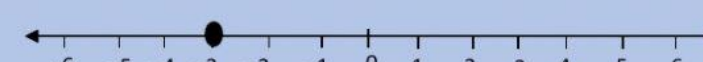
**Integers  $> -4$  but  $< -2$ .**



**Integers between -5 and 2.**



**Integer(s) between -1 and +1.**



**Integers from -5 to 2**



**Integers between -2 to 2**



**Activity #5:** Look at the addition and subtraction sentences given below. Pick a sentence and place before it's correct representation on number line.

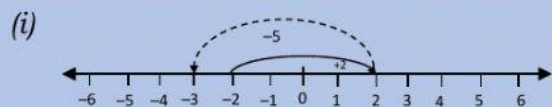
$$-1+(-4)$$

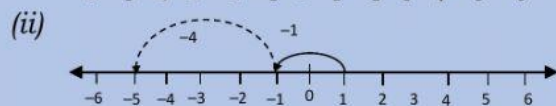
$$-3-4$$

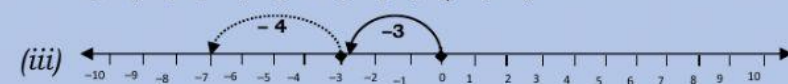
$$+2-5$$

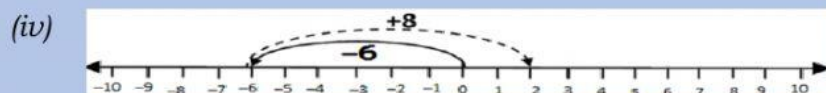
$$-6+8$$

$$-6-8$$



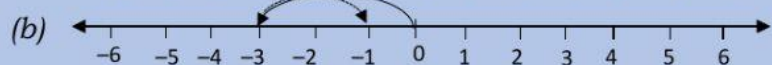
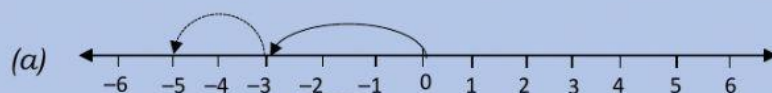
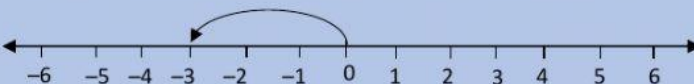




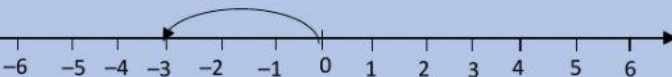



**Activity #6:** Complete the number line representation of addition & subtraction sentences by choosing the correct representation of second arc.

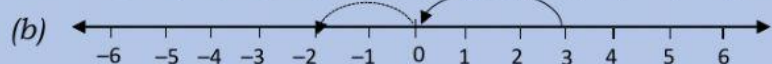
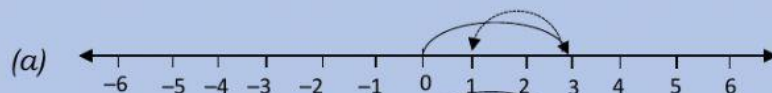
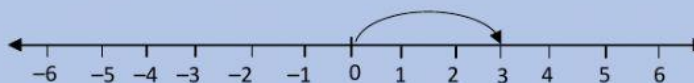
(i)  $-3+2$ , Step 1 :



(ii)  $-3-2$ , Step 1 :



(ii)  $3-2$ , Step 1 :



(ii)  $3+2$ , Step 1 :

