

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

(i) Going 15th 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

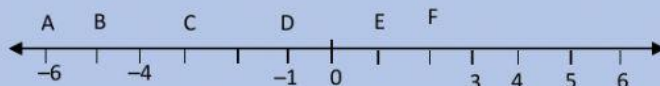
b) -10°C

c) Fall in temperature by 10°C.

d) Both (b) & (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? _____

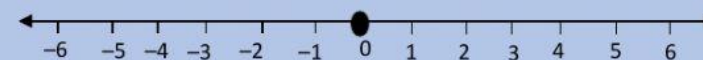
(ix) The **predecessor** of 0 is _____

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

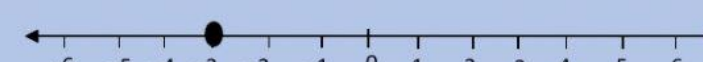
Integers > -4 but < -2 .



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.

$$-1 + (-4)$$

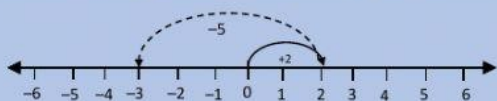
$$-3 - 4$$

$$+2 - 5$$

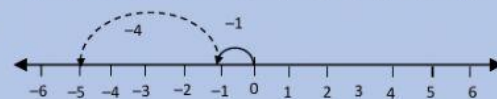
$$-6 + 8$$

$$-6 - 8$$

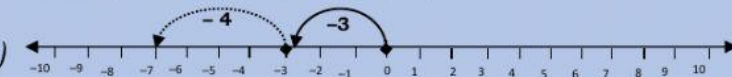
(i)



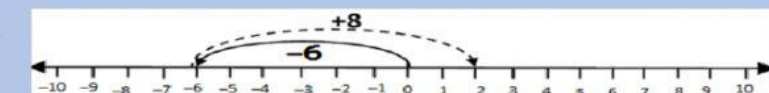
(ii)



(iii)

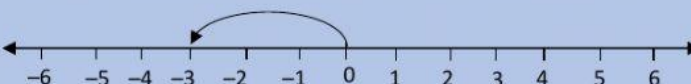


(iv)

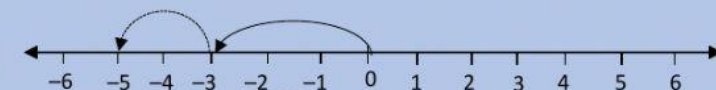


Activity #6: Complete the number line representation of addition & subtraction sentences by choosing the correct representation of second arc.

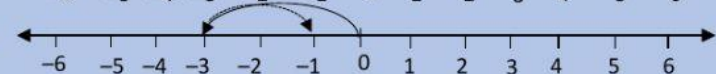
(i) $-3 + 2$, Step 1 :



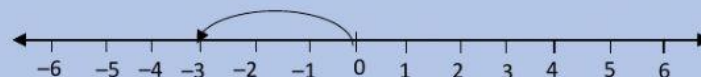
(a)



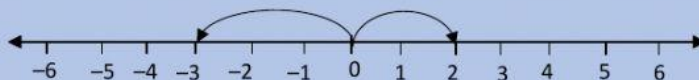
(b)



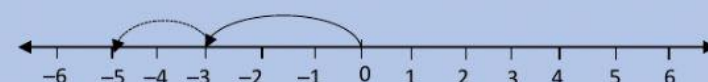
(ii) $-3 - 2$, Step 1 :



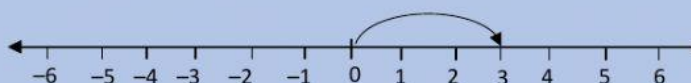
(a)



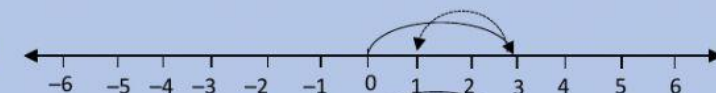
(b)



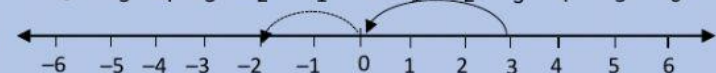
(iii) $3 - 2$, Step 1 :



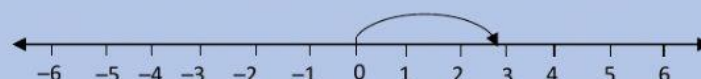
(a)



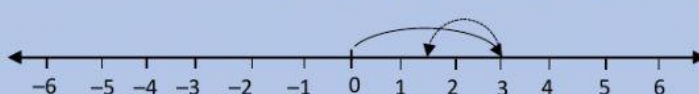
(b)



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



(c)



(d)

