

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

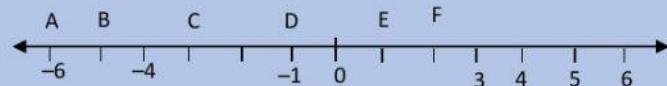
g) Opposite of rise in temperature by 10°C.

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 _____

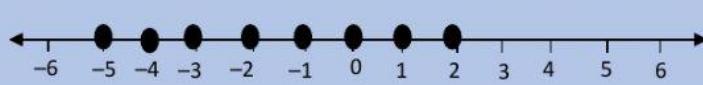
(vii) Write the least positive number : _____

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

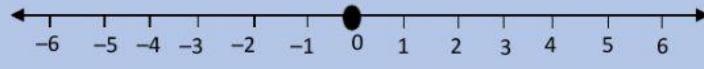
(ix) The predecessor of 0 is _____

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

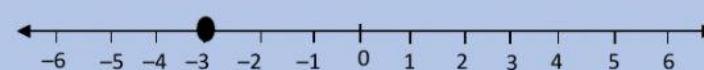
Integers > - 4 but < - 2.



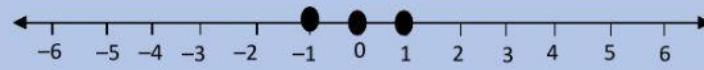
Integers between -5 and 2.



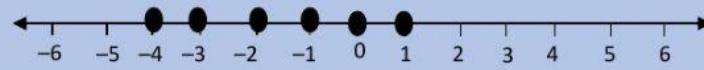
Integer(s) between -1 and +1.



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 its correct representation on number line.

$-1+(-4)$

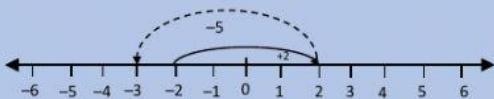
$-3-4$

$+2-5$

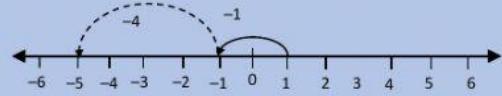
$-6+8$

$-6-8$

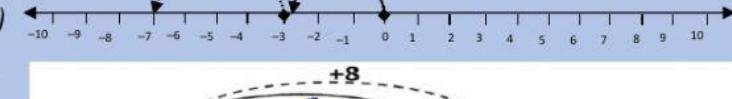
(i)



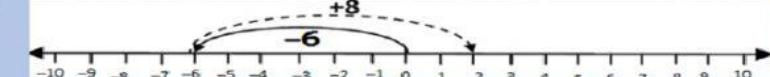
(ii)



(iii)

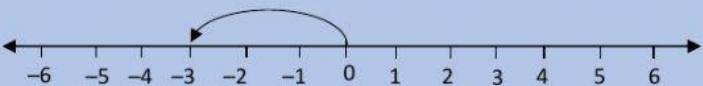


(iv)

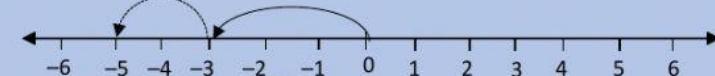


Activity #6: Complete the number line representation of addition & subtraction sentences by choosing the correct representation of second arc.

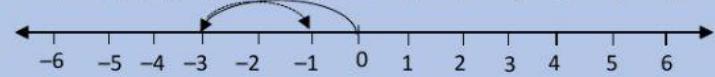
(i) $-3+2$, Step 1 :



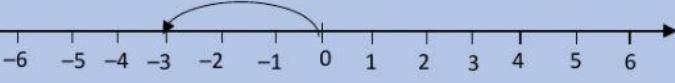
(a)



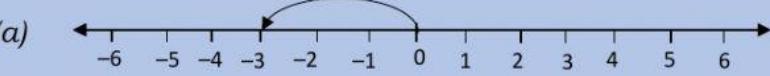
(b)



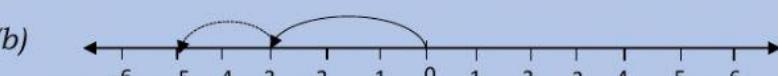
(ii) $-3-2$, Step 1 :



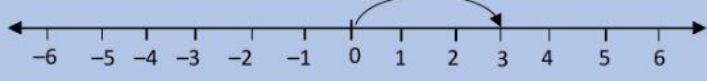
(a)



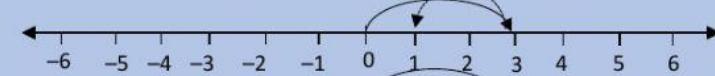
(b)



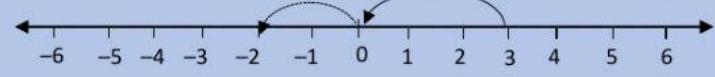
(ii) $3-2$, Step 1 :



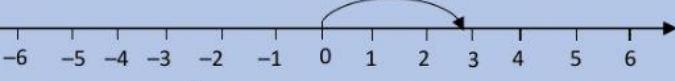
(a)



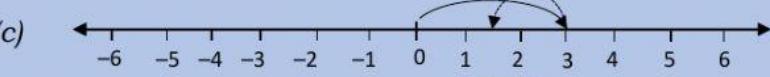
(b)



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



(c)



(d)

