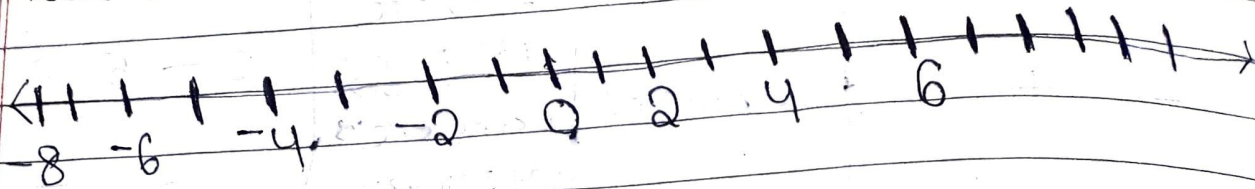


Ch-7 Number Line

Ex-7(A)

1. Fill in the blanks :->



i) An integer, on the given number line, is greater than every number on its left.

ii) An integer on the given number line is greater than every number to its left.

iii) 2 is greater than -4 implies 2 is to the right.

iv) -3 is less than 2 and 3 is greater than -2.

v) -4 is greater than -8 and 4 is less than 8.

vi) 5 is greater than 2 and -5 is less than -2.

vii) -6 is less than 3 and the opposite of -6 is greater than opposite of 3.

viii) 8 is greater than -5 and -8 is less than 5.

2.
i) $-15 - 23$
A: -15
ii) $-12, 15$
A: 15
iii) $0, 8$
A: 8
iv) $0, -3$
A: 0

5.
i) $-8, 0, -5, 5, 4, -1$
A: $\leftarrow \begin{array}{cccccccc} | & | & | & | & | & | & | & | \\ -8 & -5 & -1 & 0 & 4 & 5 & 1 & 1 \end{array} \rightarrow$
 $= -8, -5, -1, 0, 4, 5$
ii) $3, -3, 4, -7, 0, -6, 2$
A: $\leftarrow \begin{array}{cccccccc} | & | & | & | & | & | & | & | \\ -7 & -6 & -3 & 0 & 2 & 3 & 4 & 1 \end{array} \rightarrow$
 $= -7, -6, -3, 0, 2, 3, 4$

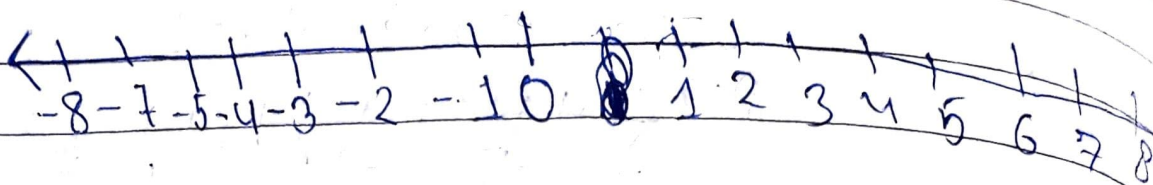
3.
i) $0, -6$
A: -6
ii) $2, -3$
A: -3
iii) $15, -51$
A: -51
iv) $13, 0$
A: 0

6.
i) $-5, -3, 8, 15, 0, -2$
A: $\leftarrow \begin{array}{cccccccc} | & | & | & | & | & | & | & | \\ -5 & -3 & -2 & 0 & 8 & 15 & 1 & 1 \end{array} \rightarrow$
 $= 15, 8, 0, -2, -3, -5$
ii) $12, 23, -11, 0, 7, 6$
A: $\leftarrow \begin{array}{cccccccc} | & | & | & | & | & | & | & | \\ 11 & 6 & 6 & 7 & 12 & 23 & 1 & 1 \end{array} \rightarrow$
 $= 23, 12, 7, 6, 0, -11$

4.
i) $3^* 0$
A: $3 > 0$
ii) $0^* -8$
A: $0 > -8$
iii) $-9^* -3$
A: $-9 < -3$
iv) $-3^* 3$
A: $-3 < 3$
v) $5^* -1$
A: $5 > -1$

7. i) The Smallest integers is 0. F
ii) The opposite of -17 is 17 . T
iii) The opposite of 0 is 0. T
iv) Every negative integers is smaller than 0. T
v) 0 is greater than every positive it isn't an integers. F
vi) Since Zero is neither negative no positive, it is no an integer. False.

- i) $-13^* 0$
A: $-13 < 0$
vii) $-8^* -18$
A: $-8 > -18$



ii) $0 + 6 = 6$

iii) $5 + 0 = 5$

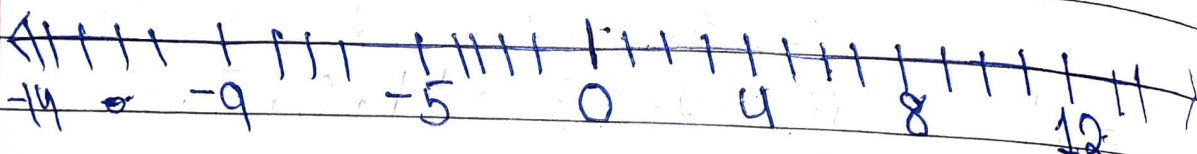
~~7(3)~~

Ch-6

2.

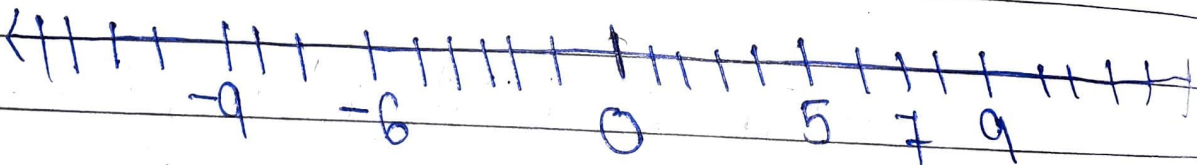
i) $-5, 8, 0, -9, 4, -14, 12$

A:→



ii) $-6, 7, 0, -9, 5$ and 9

A:→



3.

i) $-10, 0, 3, -4, 12, 11, -1$ and 5

A:→

