

Ex-7(A)

Evaluation Questions

- i) An integer, on the given no. line, is greater than every no. on its left.
- ii) An integer, on the given no. line, is greater than every no. to its left.
- iii) 2 is greater than -4 implies 2 is to the right of -4.
- 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) ~~an example~~ i) As $-15, -23 \Rightarrow -15 > -23$

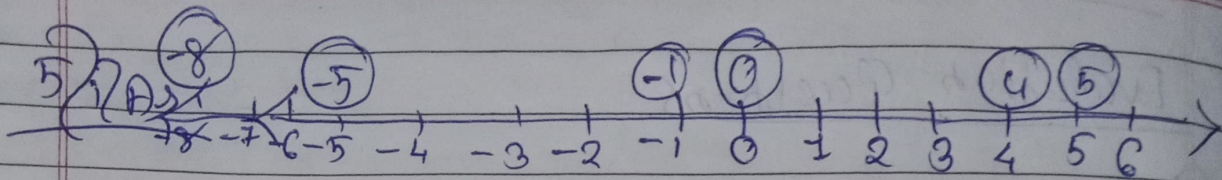
ii) $-2 \leq 15$ iii) $0, 8 \Rightarrow 0 \leq 8$ iv) $0, -3 \Rightarrow 0 \geq -3$

3) i) $0 \geq -6$, ii) $2 \geq -3$, iii) $15 \geq -5$, iv) $13 \geq 0$

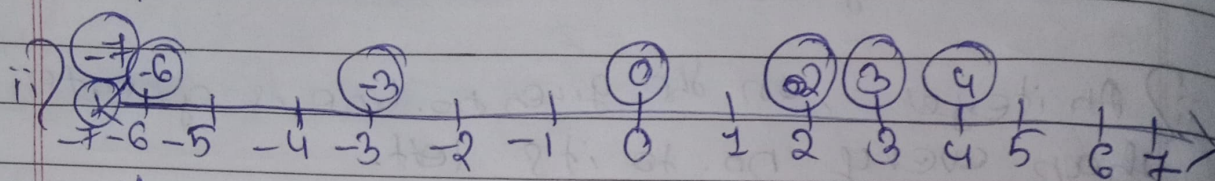
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4) i) $3 > 0 \Rightarrow 3 > 0$
 ii) $0 > -8 \Rightarrow 0 \geq -8$
 iii) $-9 < -3 \Rightarrow -9 < -3$

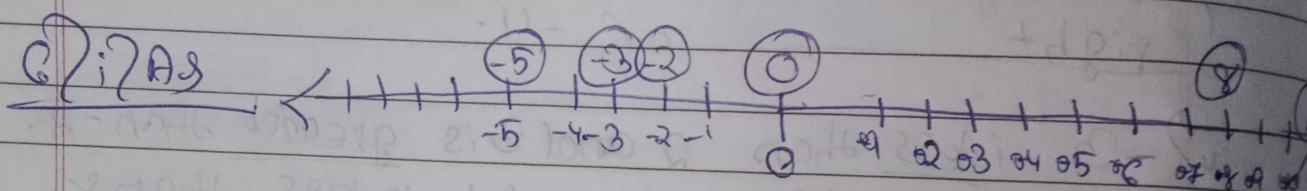
iv) $-3 < 3$
 v) $5 > -1$
 vi) $-13 < 0$
 vii) $-8 \geq -18$



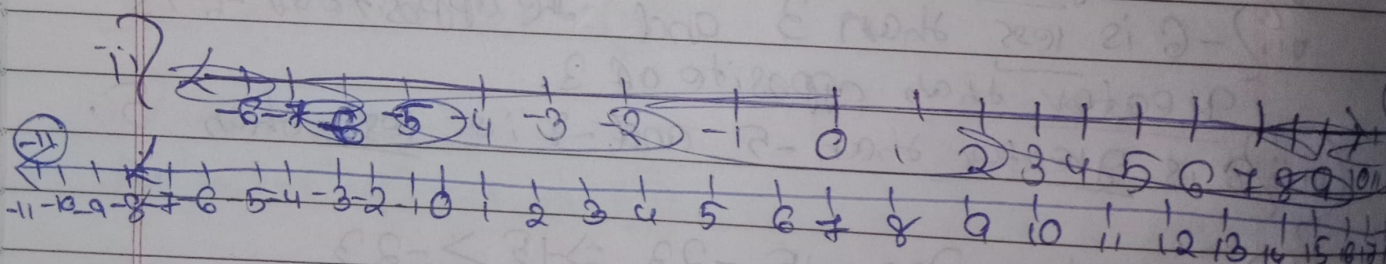
$-8, -5, -1, 0, 4, 5$



Ans $-7, -6, -3, 0, 2, 3, 4$



$8, 0, -2, -3, -5$



$-11, 0, 6, 7, 12, 23$

- i) The smallest integer is 0. False
- ii) The opposite of -17 is 17 . True
- iii) The opposite of zero is zero. True
- iv) Every negative integer is smaller than 0. True
- v) 0 is greater than every positive integer. False
- vi) Since zero is neither negative nor positive, it is not an integer. False