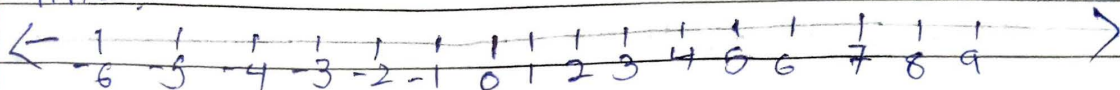


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12-05-2024

Number line Ex-7(A)

(i) Fill in the blanks, using the following number line:



- i) An integer, on the given number line is greater than every ~~number~~ number on its left.
- ii) An integer on the given number line is greater than every number to its ~~right~~ left.
- iii) 2 is greater than -4 implies 2 is to the right of -4.
- iv) -3 is smaller than 2 and 3 is greater than 2.
- v) -4 is greater than -8 and 4 is smaller than 8.
- vi) 5 is greater than 2 and -5 is smaller -2.
- vii) -6 is smaller than 3 and the opposite of -6 is greater greater than opposite of 3.
- viii) 8 is greater than -5 and -8 is smaller than 5.

② i) -15 is $\underline{>}$ -23

ii) -12 is $\underline{\leq}$ 15

iii) ~~0~~ is $\underline{\leq}$ 8

iv) 0 is $\underline{\geq}$ -3

③ i) 0 is $\underline{\geq}$ -6

ii) 2 is $\underline{\geq}$ -3

iii) 15 is $\underline{\geq}$ -15

iv) 13 is $\underline{\geq}$ 0

④ i) $3 \geq 0$

ii) $0 \geq -8$

iii) $-9 \leq -3$

iv) $-3 \leq 3$

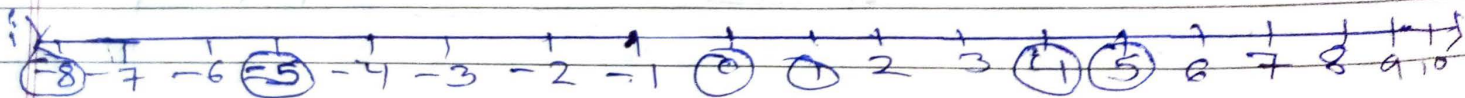
v) $5 \geq -1$

vi) $-13 \leq 0$

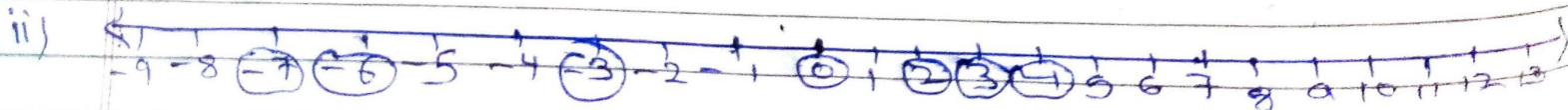
vii) $-8 \geq -18$

~~iii)~~

⑤ Ascending order



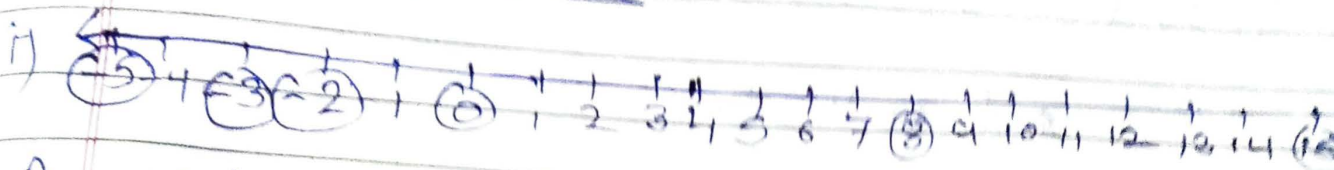
Ans $-8 < -5 < 0 < 1 < 4 < 5$



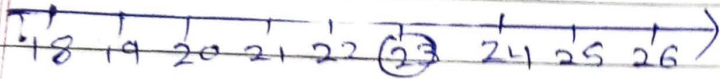
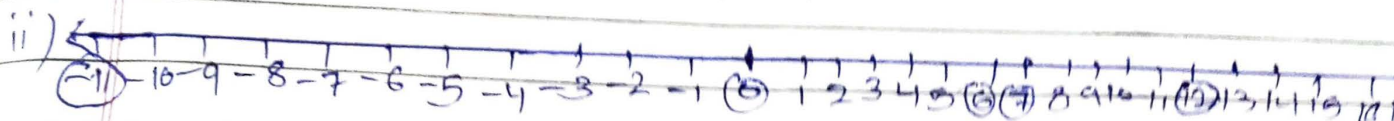
Ans $-7 < -6 < -3 < 0 < 2 < 3 < 4$

Date _____
Page _____

⑥ Descending order



Ans $15 > 8 > 0 > -2 > -3 > -5$



Ans $23 > 12 > 7 > 6 > 0 > -11$

⑦ True or False

a) The smaller integer is 0. False

b) The opposite of -17 is 17. True

c) The opposite of 0 is 0. True

d) The negative integers smaller than 0. True

e) 0 is greater than every opposite integer. False

f) Since 0 is neither negative nor positive, it is not an integer. False