

Exercise-6

Evaluation Questions

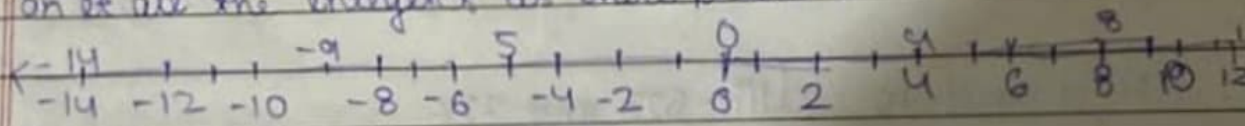
1- Fill in the blanks:

- i- Negative of -20 is 20
- ii- Negative of 0 is 0
- iii- Negative of 8 is -8
- iv- If 10 represents gain of 10 , the -10 represents loss of 10
- v- If going south is negative then going north is positive
- vi- Because $5 < 7$, therefore -5 is to the left of -7 .
- vii- If $3 > -2$, then 3 is on the right side of -2 .
- viii- If $-8 < -6$, then -8 is on the left side of -6 .

2- Use a number line to write the following integers in ascending/increasing order:

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

Ans- Draw a number line for given integers and mark on it all the integers as shown below.

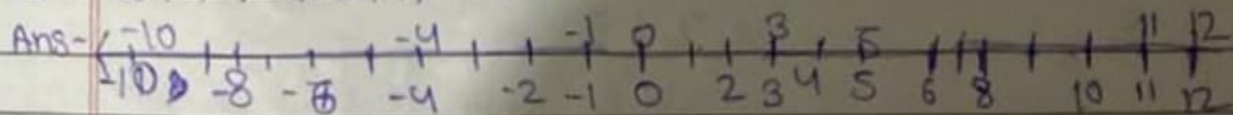


Hence, the given integers in the ascending order are:
 $-14 < -9 < -5 < 0 < 4 < 8 < 12$

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

3- Use a number line to write the following integers in descending/decreasing order:

- Ans i- $-10, 0, 8, -4, 12, 11, -1$ and 5

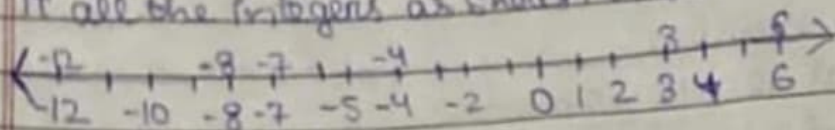


Hence, the given integers in the descending order are:
 $12 > 11 > 8 > 5 > 3 > 0 > -1 > -4 > -10$

11- -4, 3, -8, -12, -7 and 6

Ans- Draw a number line for given Integers and mark

it all the integers as shown below.



~~6 > 3 > -4 > -7 > -8 > -12~~

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