

H/W
14/5/21

Negative numbers and integers

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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, then -10 represents loss of ₹10.

v) If going south is negative then going north is positive.

vi) Because $5 < 7$, therefore -5 > -7 .

vii) If $3 > -2$, then 3 is on the right of -2.

viii) If $-8 < -6$, then -8 is on the left of -6.

2) Use a number line to write ~~the~~ the following integers in ascending (increasing) order:

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

Ans ~~-10, -4, 0, 1, 3, 5, 12~~

ii) ~~-5, 8, 0, -9, 4, -14 and 12~~

Ans ~~-14, -9, -5, 0, 4, 8, 12~~

i) -6, 7, 0, -9, 5 and 9

Ans - 9, -6, 0, 5, 7, 9

3. Use a number line to write the following integers in descending (decreasing) order:

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

Ans 12, 11, 5, 3, 0, -1, -4, -10

ii) -4, 3, -8, -12, 7 and 6.

Ans 7, 6, 3, -4, -8, -12