

EXERCISE - 6

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

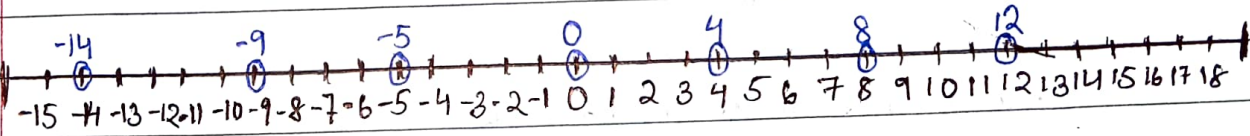
vi) Because, $5 < 7$, therefore -5 $>$ -7

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

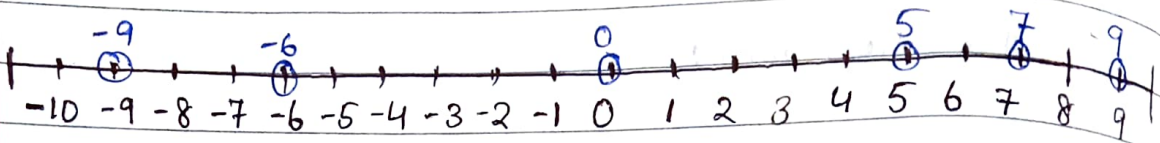
i) $-5, 8, 0, -9, 4, -14$ and 12



Given integers in ascending order -

$-14 < -9 < -5 < 0 < 4 < 8 < 12$

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

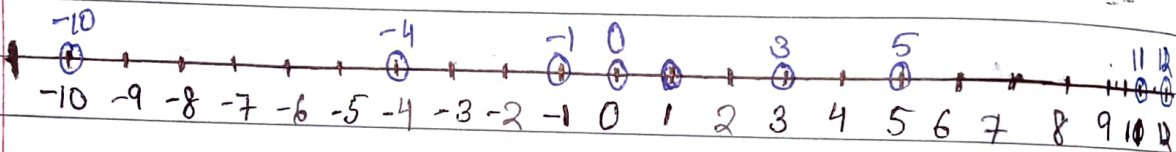


Given integers in ascending order -

$$-9 < -6 < 0 < 5 < 7 < 9$$

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

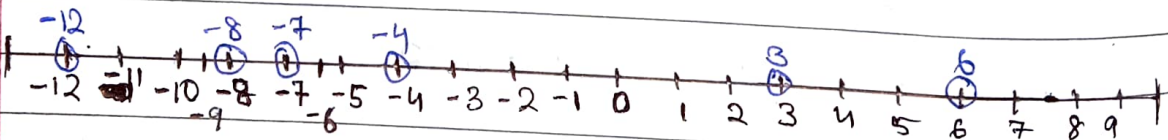
i) $-10, 0, 3, -4, 12, 11, -1$ and 5



Given integers in descending order -

$$12 > 11 > 5 > 3 > 0 > -1 > -4 > -10$$

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



Given integers in descending order -

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