

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 $\text{loss of ₹ } 10$
- (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 .

(ii)

sol, $6 > 3 > -4 > -7 > -8 > -12$
 $12 > 11 > 5 > 3 > 0 > -1 > -4 > -10$

3-(i)

sol, $10 > 9 > 8 > 7 > 6 > 5 > 4 > 3 > 2 > 1 > 0 > -1 > -2 > -3 > -4 > -5 > -6 > -7 > -8 > -9 > -10$

(ii)

sol, $9 > -9 > -6 > 0 > 5 > 7 < 9$
 $10 > 9 > 8 > 7 > 6 > 5 > 4 > 3 > 2 > 1 > 0 > -1 > -2 > -3 > -4 > -5 > -6 > -7 > -8 > -9$

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

2-(i)

sol, $11 > 12 > 11 > 10 > 9 > 8 > 7 > 6 > 5 > 4 > 3 > 2 > 1 > 0 > -1 > -2 > -3 > -4 > -5 > -6 > -7 > -8 > -9 > -10 > -11 > -12$