

### Ex-6

1. Fill in the blanks.

(i) Negative of  $-20$  is  $20$

(ii) Negative of  $0 = 0$

(iii) Negative of  $8 = -8$

(iv) If  $10$  represents gain of  $\text{₹}10$ , then  $-10$  represents loss of  $\text{₹}10$ .

(v) If going to south is negative, then going to north is positive.

(vi) ~~Beacuse~~ 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 at the left side of  $-6$ .

2. (i)

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

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

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

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

3 (ii)

$$\begin{array}{cccccccc} & | & | & | & | & | & | & | \\ -10 & -4 & -1 & 0 & 1 & 8 & 12 & \end{array}$$

Ans: ~~-10~~, ~~-4~~, ~~-1~~, ~~0~~, ~~1~~, ~~8~~, ~~12~~  
12, 4, 8, 0, -1, -4, -10

(ii)

$$\begin{array}{cccccccc} & | & | & | & | & | & | & | \\ -12 & -8 & -7 & -4 & 0 & 3 & 6 & \end{array}$$

~~-12~~, ~~-8~~, ~~-7~~, ~~-4~~, ~~0~~,

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