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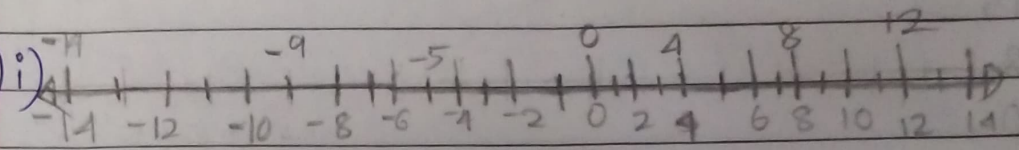
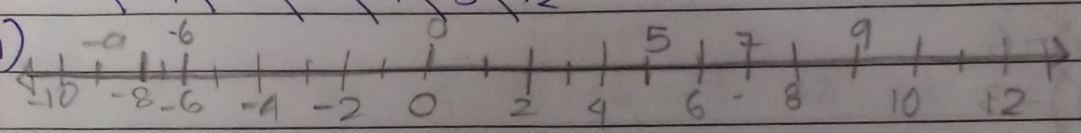
Chapter-6

Exercise-6

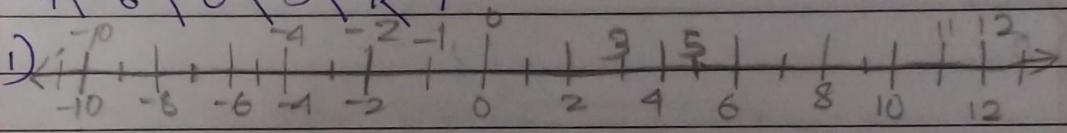
1) i) 20
ii) 0
iii) -8
iv) loss of ₹10
v) Positive
vi) >
vii) right side
viii) left side

2) i)


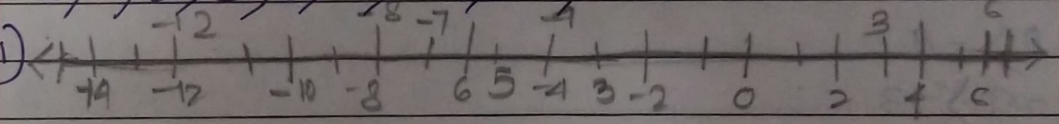
$-14 < -9 < -5 < 0 < 4 < 8 < 12$

ii)


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

3) i)


$12 > 11 > 5 > 3 > 0 > -1 > -2 > -4 > -10$

ii)


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

4) i) $13 + 15 = 28$
ii) $-13 + -15 = -28$
iii) $13 + -15 = -2$
iv) $-13 + -15 = -28$

5) i) $259 + 214 = 473$
ii) $-528 + -243 = -771$
iii) $-623 + 326 = -297$
iv) $258 + -473 = -215$
v) $-622 + -254 = -876$
vi) $257 + -254 = 3$

6) i) $5 - 8 = 3$
ii) $-5 (-) 8 = 13$
iii) $4 (-) -7 = -11$
iv) $-8 (-) -2 = 6$
v) $-3 (-) 12 = 15$
vi) $-6 (-) -3 = 3$

7) i) $-123 (-) 453 = 576$
ii) $-78 (-) -12 = 66$
iii) $329 (-) -124 = -453$
iv) $-222 (-) 0 = 222$