Ex-14(A)

1. (a) $2 > -2$

(b) $3 > -5$

(c) $-4 < 0$

(d) $-2 > -4$

(e) $-4 > -8$

(f) $-15 > -18$

(g) $0 < 7$

(h) $-6 < 3$

2. (a) -4, 0

(b) 1, -2

(c) 16, -7

(d) 0, 5

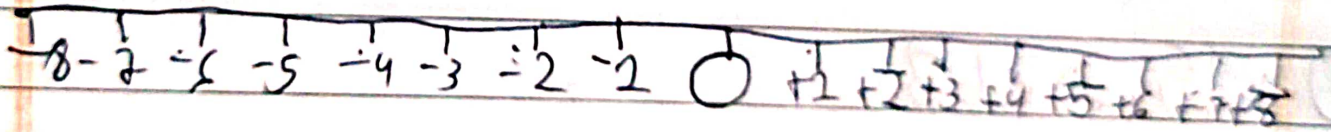
(e) -15 (9)

(f) +10 -6

(g) +12 -13

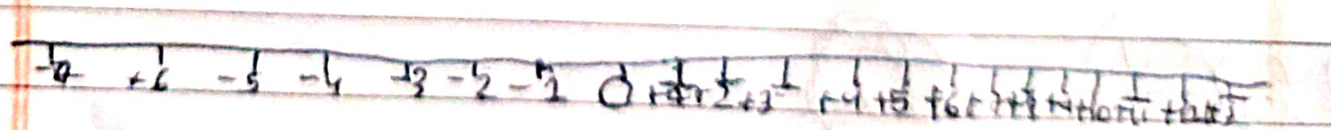
(h) -20 -14

3. (a) -6, 5, 0, -5, 4, -1, 2 & 7



: -6, -5, -1, 0, 2, 7

(b) -4, 4, 3, -6, 0, 7, -5 & -9



-6 < -5 < -4 < 0 < 3 < 7

(c) +10

(c) -10, 9, 12, 0, 3, -2, 4 & 7

= ~~-10 -9 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12~~

= -10 < -2 < 0 < 3 < 4 < 7 < 9 < 12

4(a) 22, 16, 0, 5, 2, -7 & -12

~~-22 -16 -12 -7 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17~~

= 22 > 16 > 12 > 5 > 2 > 0 > -7 > -12

(b) -5, -4, 8, 0, 16, -2, -2 & 3

= ~~-16 -12 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13~~

= 8 > 3 > 0 > -1 > -2 > -4 > 5

(c) 12, 10, -8, 0, -7, -6, 5 & 2

= ~~-8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12~~

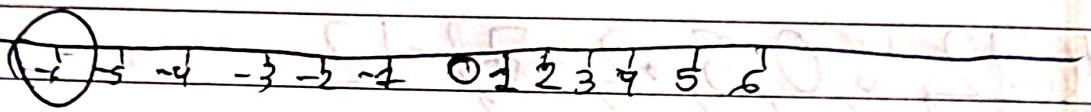
= 12 > 10 > 5 > 2 > 0 > -6 > -7 > -8

5(a) -12 = 12 (b) 6 = -6

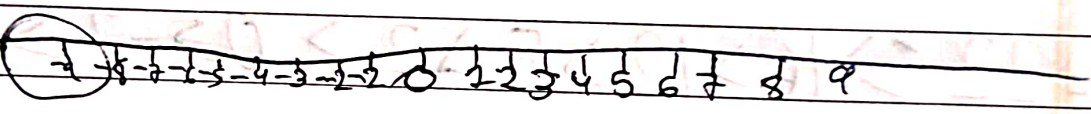
(c) $0 = 0$ (d) $-7 = 7$

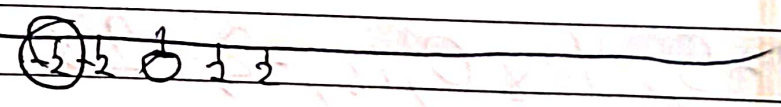
(e) $-4 = 4$ (f) $-10 = 10$

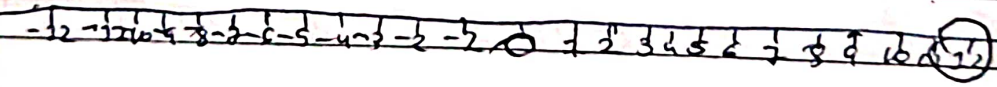
(g) $8 = -8$ (h) $4 = -4$

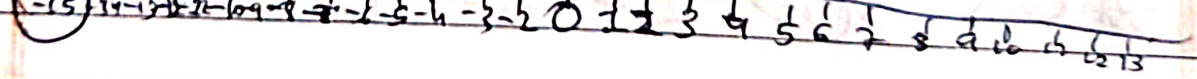
6. (a) 

(b) 

(c) 

(d) 

(e) 

(f) 

(g) 

(h) 

7. (a) -5 and $2 = -4, -3, -2, -1, 0, 1 = 6$ integers

(b) 4 & $11 = 5, 6, 7, 8, 9, 10 = 6$

(c) -10 & -3 = -9, -8, -7, -6, -5, -4, = 6

(d) -5 & +5 = -4, -3, -2, -1, 0, 1, 2, 3, 4 = 9

(e) -1 & +5 = 0, 1, 2, 3, 4 = 5

(f) -4 & +4 = -3, -2, -1, 0, 1, 2, 3 = 7

~~8. (c) -2 & 7 = -1, 0, 1, 2, 3~~

8. (a) -7 & -2 = -6, -5, -4, -3 = 4

(b) -4 & 4 = -3, -2, -1, 0, 1, 2, 3 = 7

(c) -5 & 0 = -4, -3, -2, -1 = 4

(d) 2 & 9 = 3, 4, 5, 6, 7, 8 = 6

(e) -1 & 5 = 0, 1, 2, 3, 4 = 5

(f) 0 & 10 = 1, 2, 3, 4, 5, 6, 7, 8, 9 = 9

9. (a) A loss of ₹90 = -90

(b) A profit of ₹48 = +48

(c) 5km above ground level = +5

(d) 2km below water level = -2

(e) 22° above 0 = +22°C

(f) 3° below 0 = -3°C

10. (a) A profit of ₹700 = +~~₹800~~ -700

(b) -13 = 13

(c) 27 = -27

(d) Going South = Going North

(e) A loss of ₹500 = +500

(f) Decrease in population = Increase in population

(g) Crediting money in bank = Withdrawing money from bank