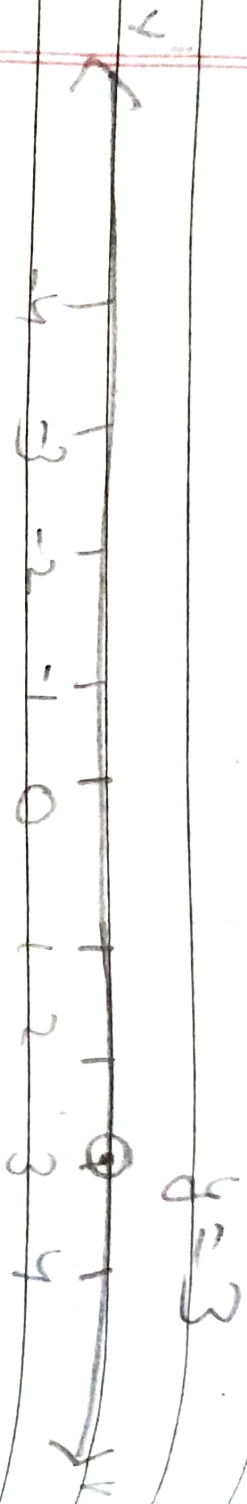


Ex 4.4

Q10

(i) in one variable,  $y = 3$

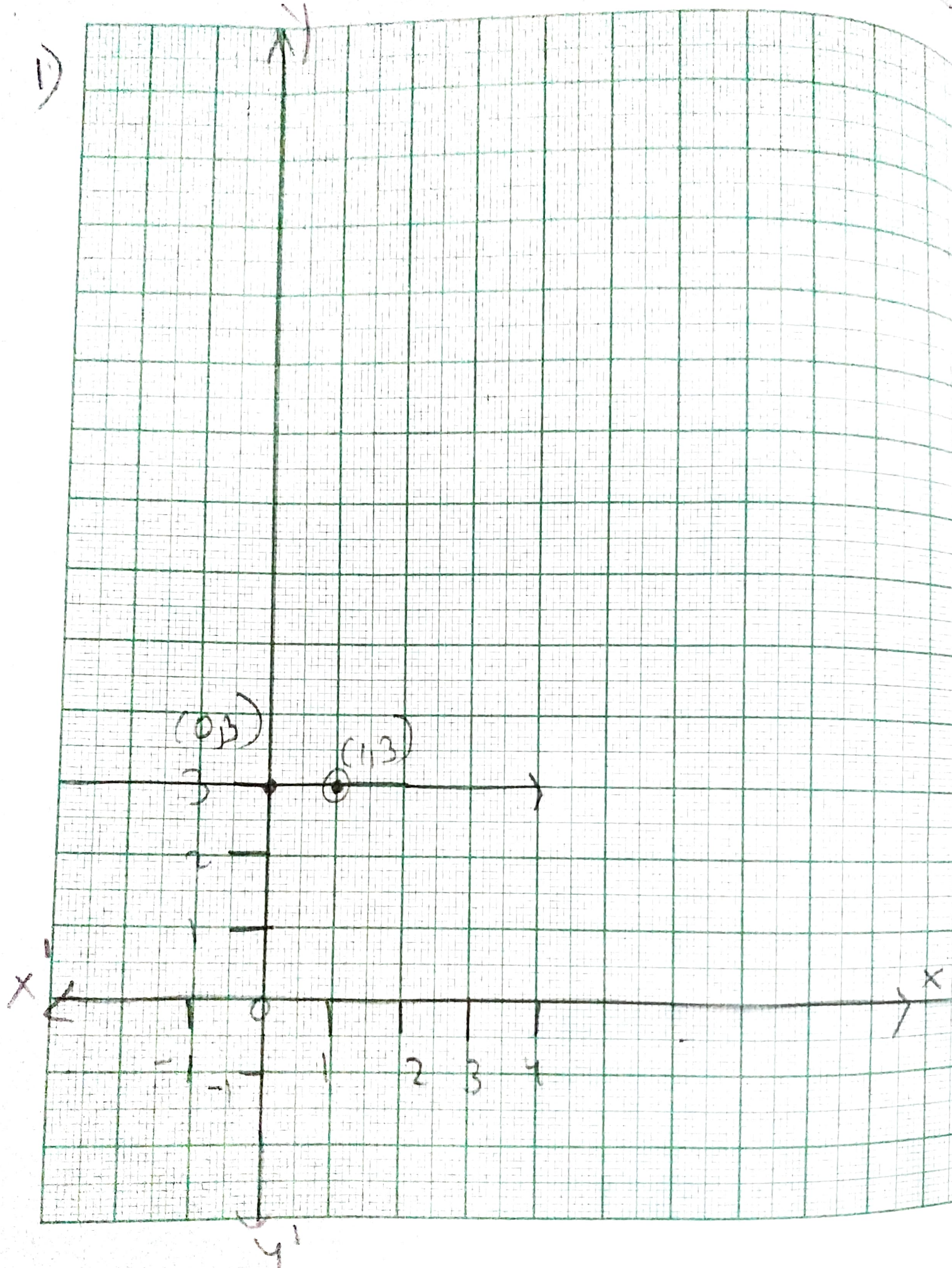


(ii) In two variables  $0x + y = 3$

When  $x = 0$  ;  $y = 3$

When  $x = 1$  ;  $y = 3$

1)



$(0, 3)$

$(1, 3)$

x

x

y

Q21)

Ans) (1) In one variable

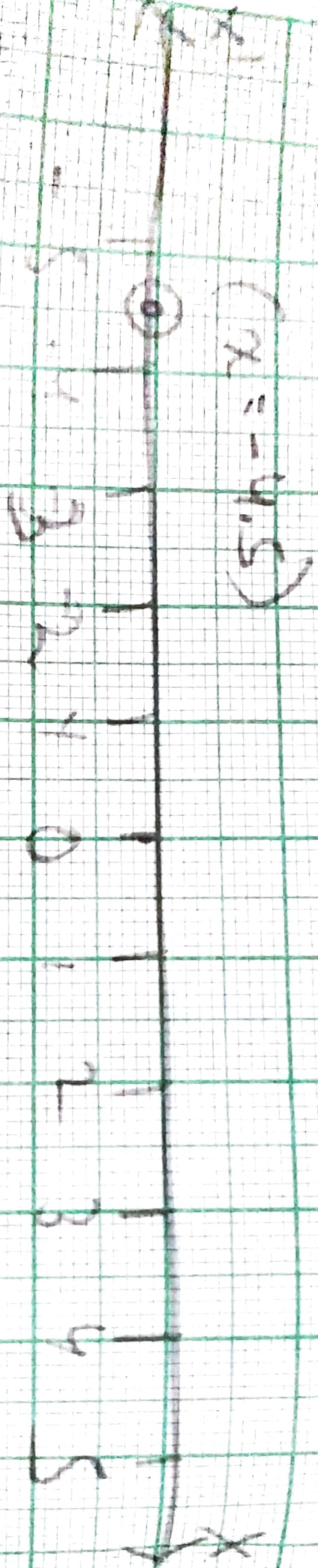
$$2x + 9 = 0$$

$$2x = -9$$

$$x = \frac{-9}{2}$$

2

$$x = -4.5$$



(ii) In two variables

$$2x + 9 = 0$$

$$2x + 0y + 9 = 0$$

When  $y = 0$ ,  $x = -4.5$

When  $y = 1$ ,  $x = -4.5$

T ←

5 4 3 2 1

$$2x + 9 = 0$$

$$(-4.5, 1)$$

$$(-4.5, 0)$$

5 4 3 2 1

→

Y