Linear Equations in Two Variables Ex 13.4 Q4

Answer:

(i) We are given the co-ordinates of the Cartesian plane at (0,3).

For the equation of the line parallel to x axis, we assume the equation as a one variable equation independent of x containing y equal to 3.

We get the equation as

$$y = 3$$

(ii) We are given the co-ordinates of the Cartesian plane at (0,-4).

For the equation of the line parallel to x axis, we assume the equation as a one variable equation independent of x containing y equal to -4.

We get the equation as

$$y = -4$$

(iii) We are given the co-ordinates of the Cartesian plane at (2,-5).

For the equation of the line parallel to x axis, we assume the equation as a one variable equation independent of x containing y equal to -5.

We get the equation as

$$y = -5$$

(iv) We are given the co-ordinates of the Cartesian plane at (3,4).

For the equation of the line parallel to x axis, we assume the equation as a one variable equation independent of x containing y equal to 4.

We get the equation as

$$y = 4$$

Linear Equations in Two Variables Ex 13.4 Q5

Answer:

(i) We are given the co-ordinates of the Cartesian plane at (4,0).

For the equation of the line parallel to y axis, we assume the equation as a one variable equation independent of y containing x equal to 4.

We get the equation as

$$y = 3$$

(ii) We are given the co-ordinates of the Cartesian plane at (−2,0).

For the equation of the line parallel to y axis, we assume the equation as a one variable equation independent of y containing x equal to −2.

We get the equation as

$$y = -4$$

(iii) We are given the co-ordinates of the Cartesian plane at (3,5).

For the equation of the line parallel to y axis, we assume the equation as a one variable equation independent of y containing x equal to 3.

We get the equation as

$$y = -5$$

(iv) We are given the co-ordinates of the Cartesian plane at (−4,−3).

For the equation of the line parallel to y axis, we assume the equation as a one variable equation independent of y containing x equal to −4.

We get the equation as

$$y = 4$$

********** END *********