



Exercise 6A

Question 1:

Draw the perpendiculars from the AF, BG, CH, DI and EJ on the x-axis.

(1) The distance of A from the y-axis = OF = -6 units
The distance of A from the x-axis = AF = 5 units
Hence, the coordinate of A are (-6, 5)

(2) The distance of B from the y-axis = OG = 5 units
The distance of B from the x-axis = BG = 4 units
Hence, the coordinate of B are (5, 4)

(3) The distance of C from the y-axis = OH = -3 units
The distance of C from the x-axis = HC = 2 units
Hence, the coordinate of C are (-3, 2)

(4) The distance of D from the y-axis = OI = 2 units
The distance of D from the x-axis = ID = -2 units
Hence, the coordinate of D are (2, -2)

(5) The distance of E from the y-axis = OJ = -1 unit
The distance of E from the x-axis = JE = -4 units
Hence, the coordinate of E are (-1, -4)

Thus, the coordinates of A, B, C, D and E are respectively, A(-6,5), B(5,4), C(-3,2), D(2,-2) and E(-1,-4)

***** END *****