

SAMPLE PAPER 2: PAPER 1

QUESTION 4 (25 MARKS)

Question 4 (a)

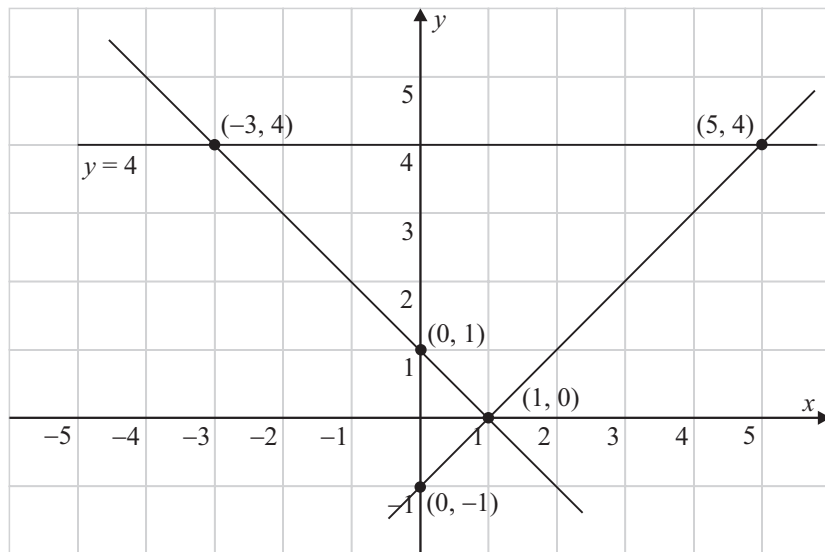
Draw each of the straight line graphs by plotting their intercepts.

$$y = |x - 1| \Rightarrow y = \pm(x - 1)$$

$$y = x - 1 \rightarrow \text{Intercepts: } (0, -1), (1, 0)$$

$$y = -x + 1 \rightarrow \text{Intercepts: } (0, 1), (1, 0)$$

Point of intersection: (1, 0)



Question 4 (b)

Points of intersection: (-3, 4), (5, 4)

Question 4 (c)

$$x < -3, x > 5$$
