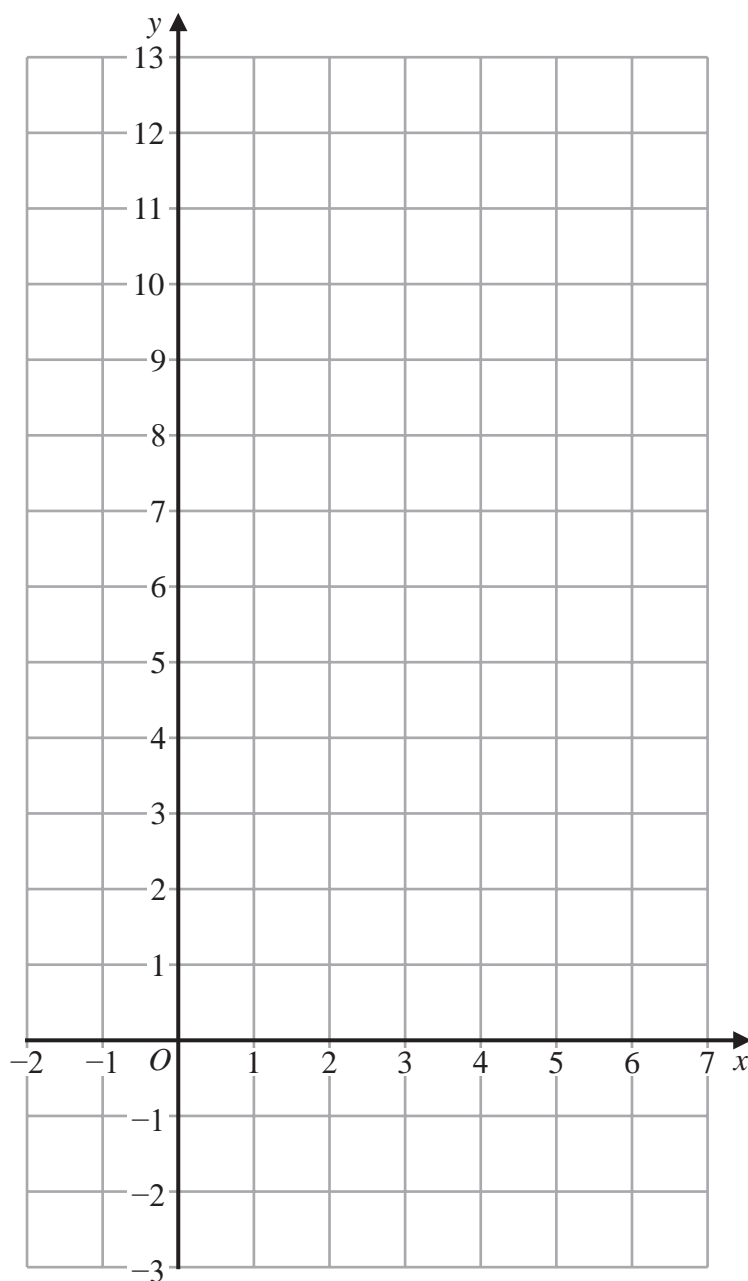


18



(a) On the grid, draw and label the straight line with equation

(i)  $x = 4$

(ii)  $2x + y = 8$

(iii)  $y = 3x - 1$

(3)

(b) On the grid, show by shading, the region **R** defined by the inequalities

$$x \leq 4 \quad \text{and} \quad 2x + y \geq 8 \quad \text{and} \quad y \leq 3x - 1$$

Label the region **R**.

(1)

(Total for Question 18 is 4 marks)

