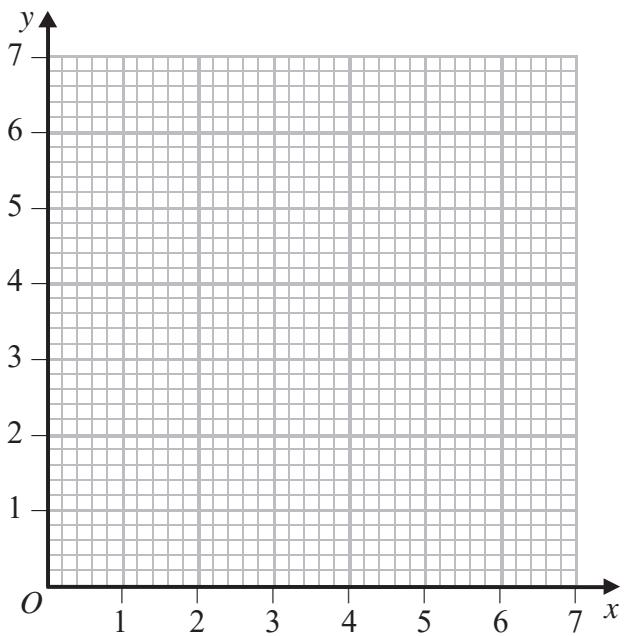


DO NOT WRITE IN THIS AREA

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DO NOT WRITE IN THIS AREA

23



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

- (i) $y = 5$
- (ii) $x + y = 6$
- (iii) $2y = x + 1$

(3)

(b) On the grid, shade and label the region **R** defined by

$$x \geq 0 \quad \text{and} \quad y \leq 5 \quad \text{and} \quad x + y \leq 6 \quad \text{and} \quad 2y \geq x + 1$$

(1)

(Total for Question 23 is 4 marks)

