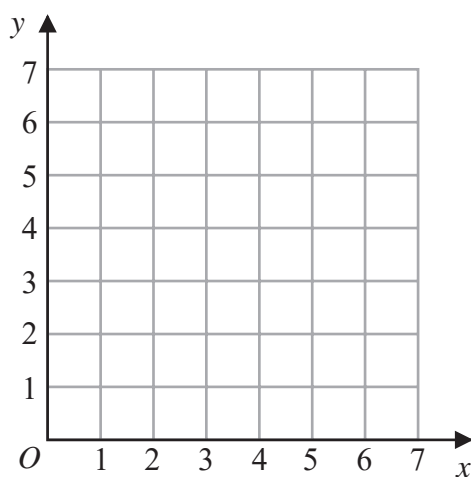


14



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

(i)  $y = 2$

(ii)  $x + y = 5$

(iii)  $y = 2x + 1$

(3)

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

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

Label the region **R**.

(1)

(Total for Question 14 is 4 marks)

