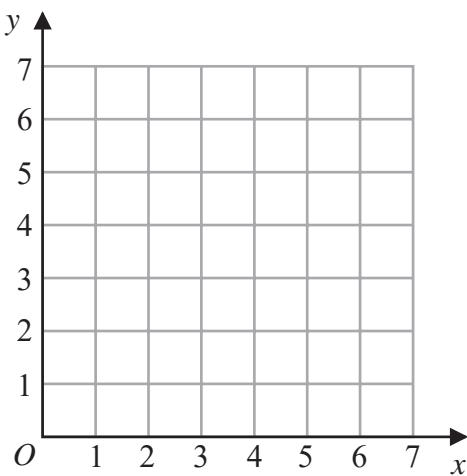


**14**

DO NOT WRITE IN THIS AREA



(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

$$y \geqslant 2 \quad \text{and} \quad x + y \leqslant 5 \quad \text{and} \quad y \leqslant 2x + 1$$

Label the region **R**.

(1)

**(Total for Question 14 is 4 marks)**

DO NOT WRITE IN THIS AREA



P 5 9 0 1 1 A 0 9 2 4

9

Turn over ►