

DO NOT WRITE IN THIS AREA

Question 1 continued

Handwriting practice area with horizontal dotted lines.

(Total for Question 1 is 9 marks)



2 (a) On the grid below, draw the line with equation

(i)  $5x + 2y = 10$

(ii)  $y = x$

(2)

(b) Show, by shading on the grid, the region  $R$  defined by the inequalities

$$y \leq x$$

$$5x + 2y \leq 10$$

$$y \geq -2$$

$$x \geq 1$$

Label the region  $R$ .

(2)

