

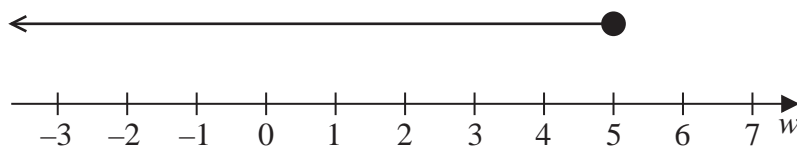
3 (a) Solve the equation $3a + 6 = 4 - 5a$

(2)

(b) Solve the inequality $3p > 6p + 12$

(2)

An inequality, in w , is shown on a number line below.



(c) Write down the inequality.

(1)

(d) Write down the 3 inequalities that define the shaded region R in Figure 1

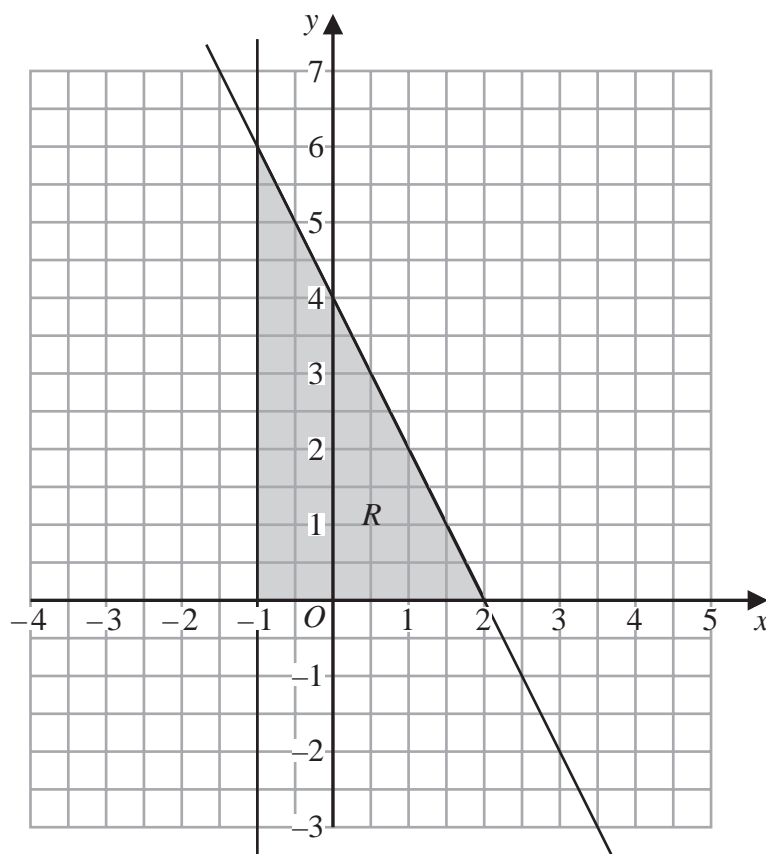


Figure 1

(3)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Question 3 continued

Handwriting practice area with horizontal dotted lines.

(Total for Question 3 is 8 marks)

