

**AQA, OCR, Edexcel**

**GCSE**

# **GCSE Maths**

## **Inequality Graphs Answers**

Name:

**M**

**M**

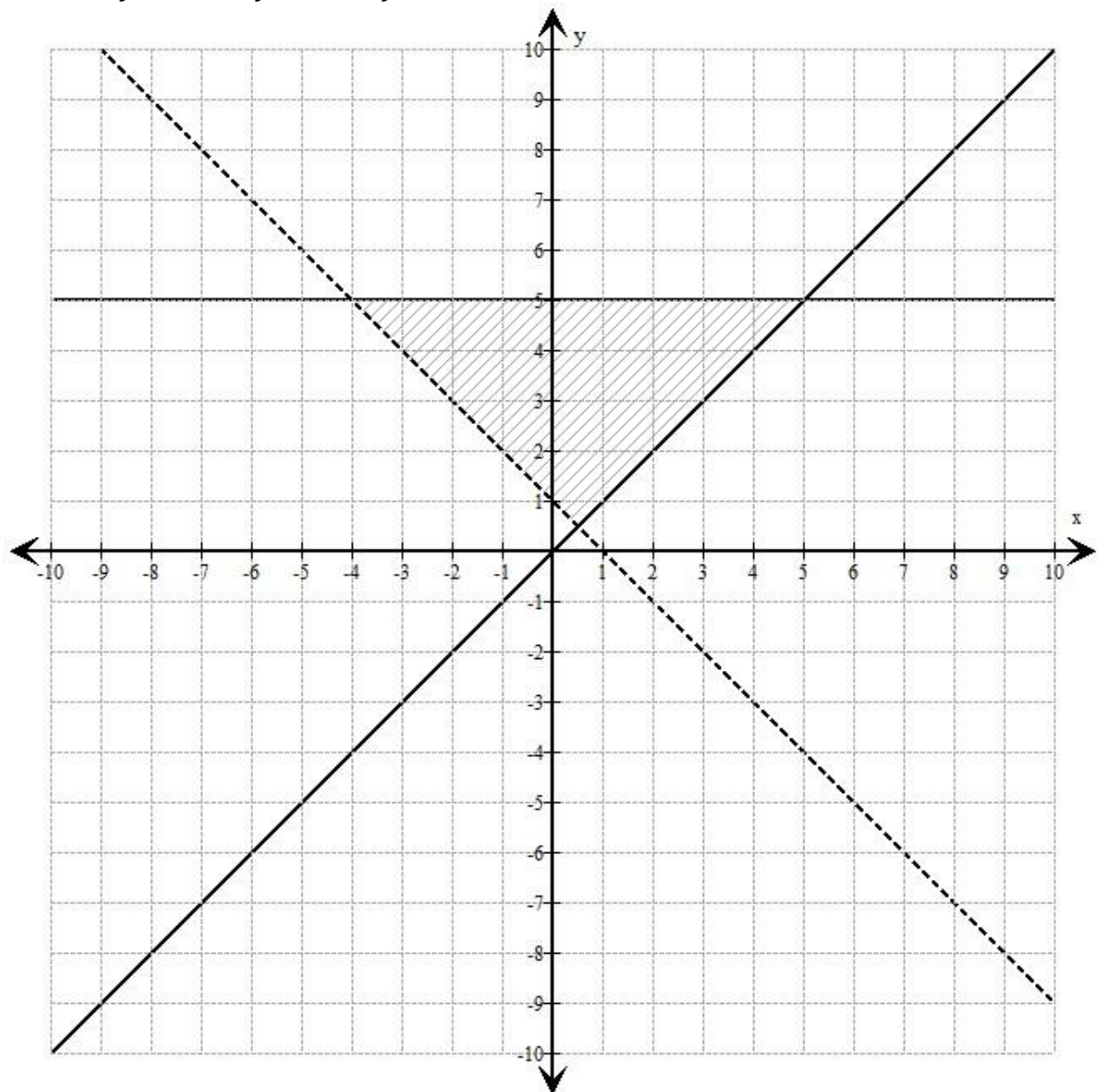
**E**

**Mathsmadeeasy.co.uk**

**Total Marks:     /16**

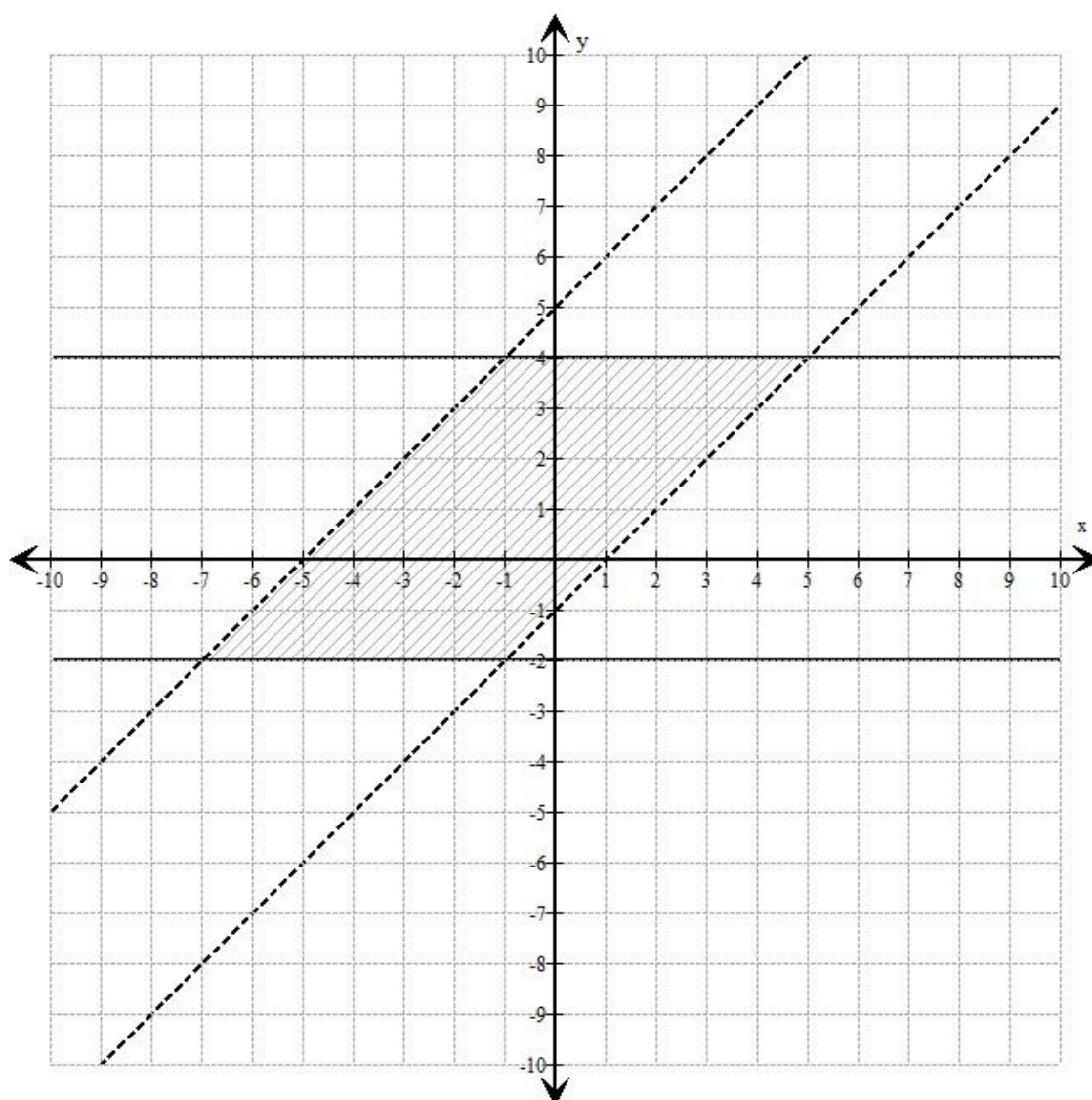
## Graphing Inequalities

1. On the axes below, shade the region which satisfies all the inequalities  
a.  $y \leq 5$ ,  $y \geq x$ ,  $y > -x + 1$



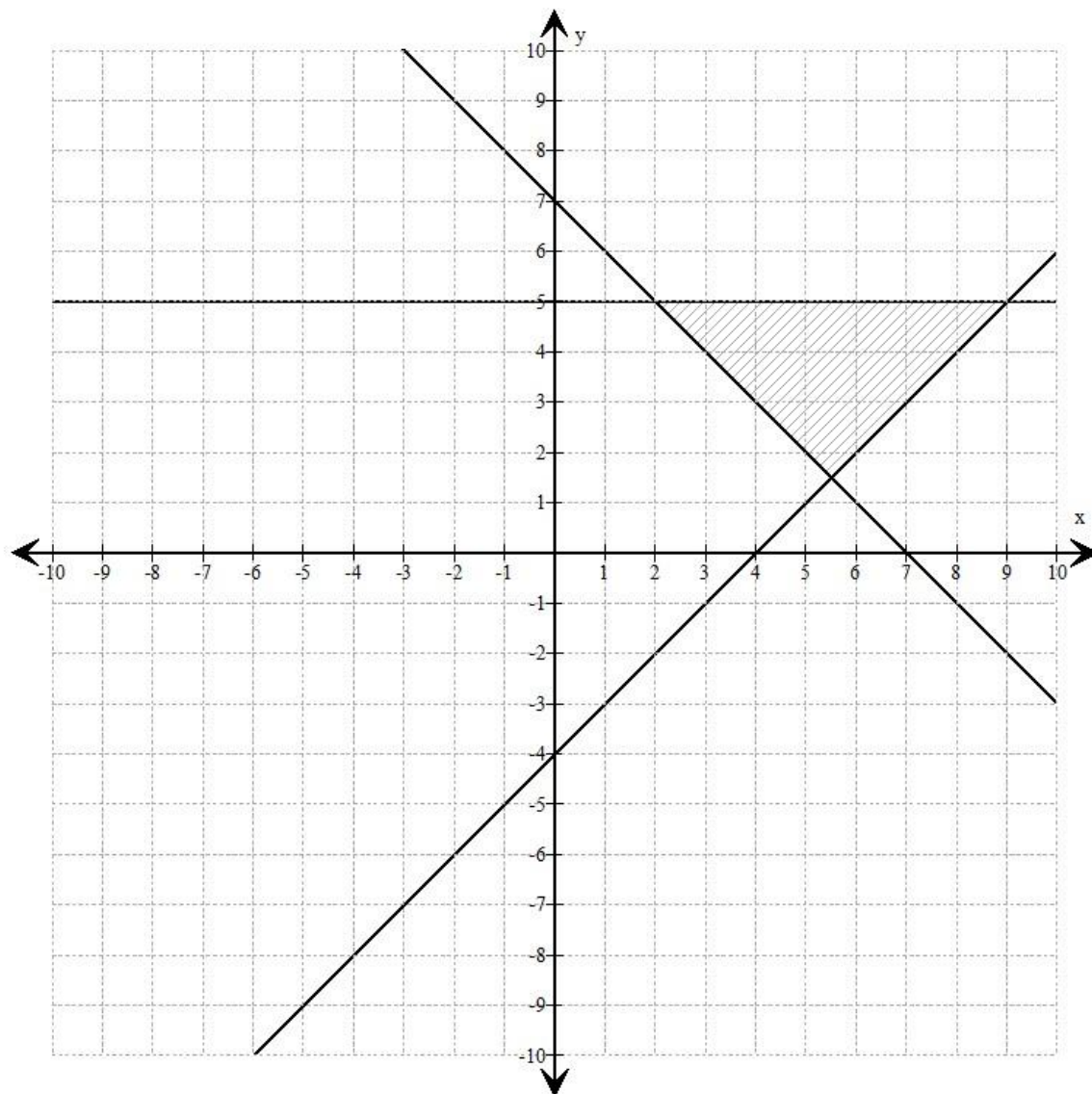
(4 Marks)

b.  $y \leq 4$ ,  $y \geq -2$ ,  $y > x - 1$ ,  $y < x + 5$



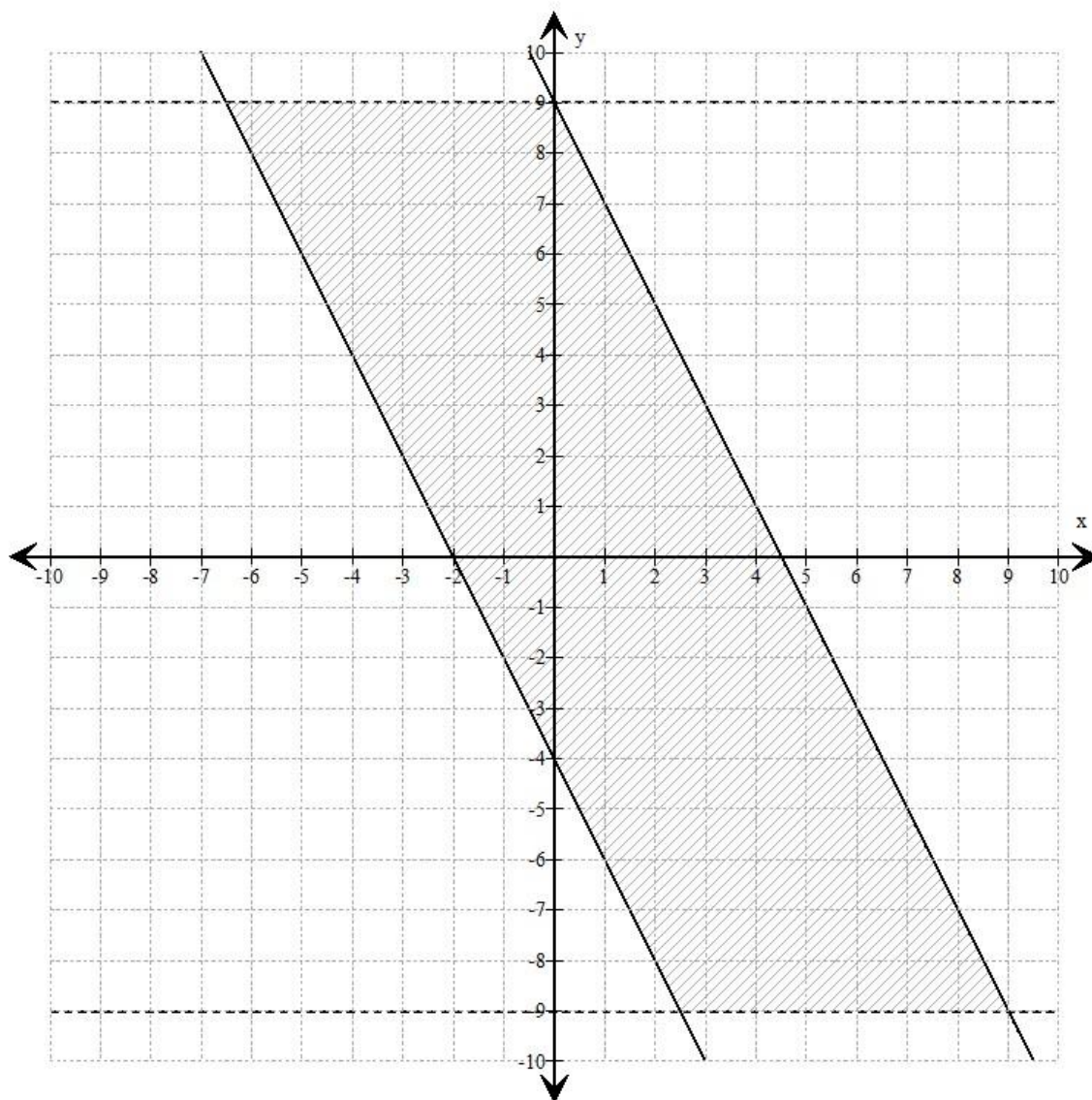
(4 Marks)

c.  $y \leq 5$ ,  $y \geq 7 - x$ ,  $y \geq x - 4$



(4 marks)

d.  $y < 9$ ,  $y > -9$ ,  $y \leq 9 - 2x$ ,  $y \geq -2x - 4$



(4 Marks)