Q1. Work out the three inequalities that describe the shaded region.
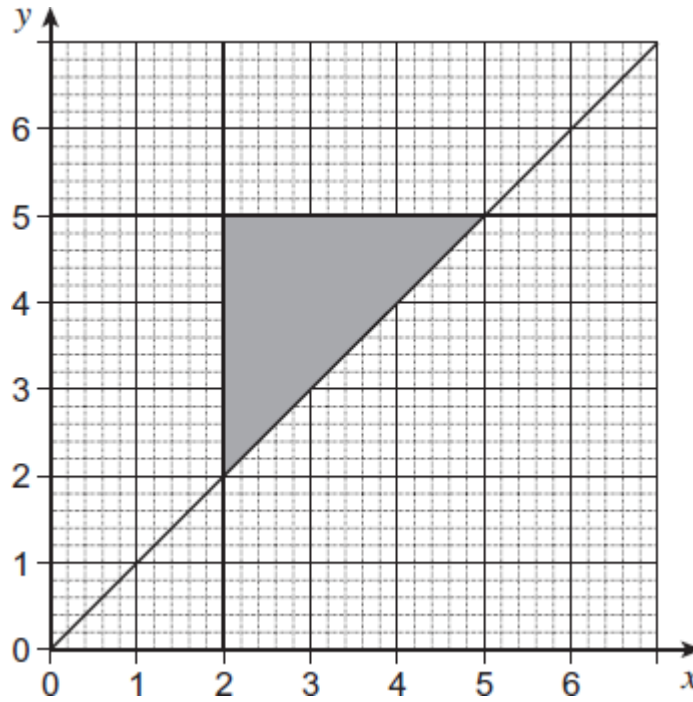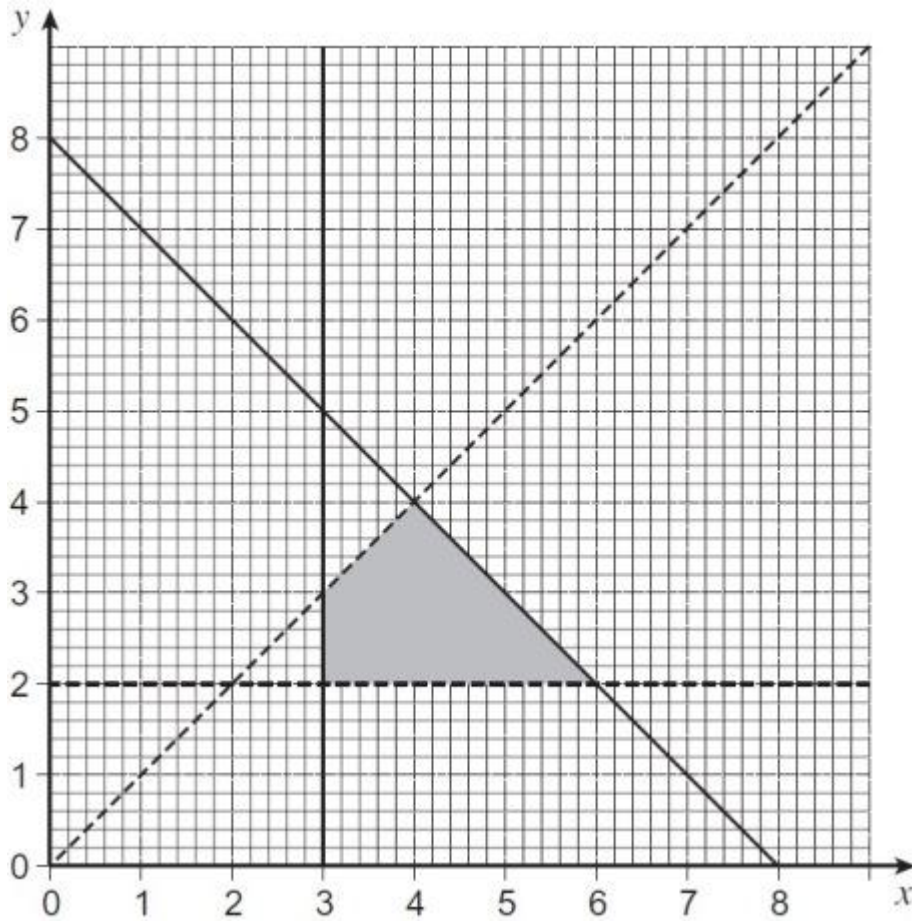

Answer ....

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(Total 3 marks)

Q2. Use inequalities to describe the shaded area on the grid.

Answer ....

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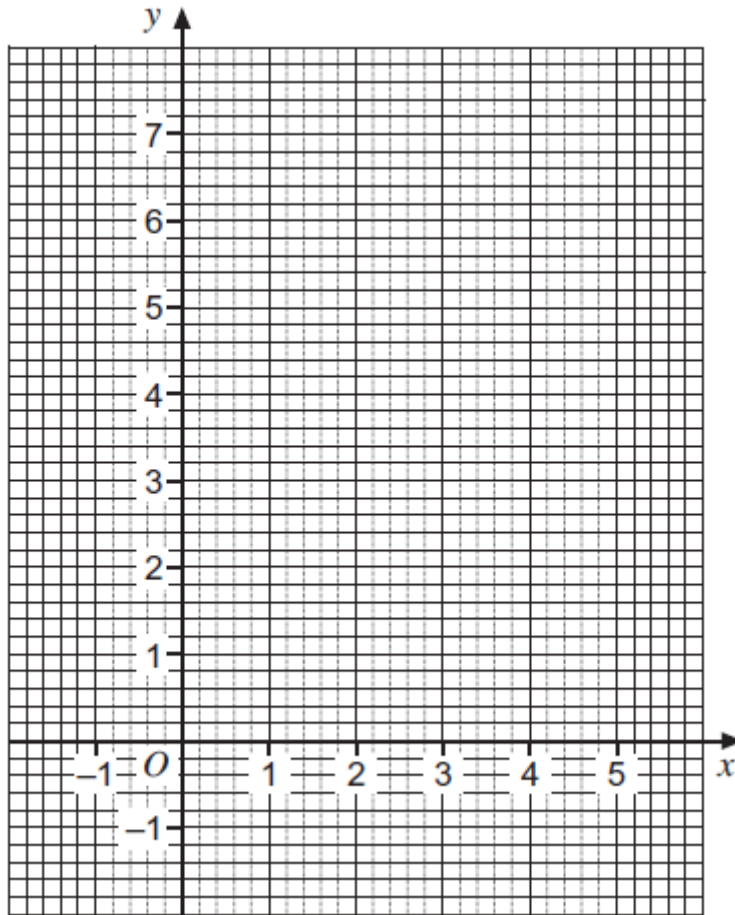
(Total 4 marks)

Q3. Put a label, R, in the region on the grid satisfied by all three of these inequalities.

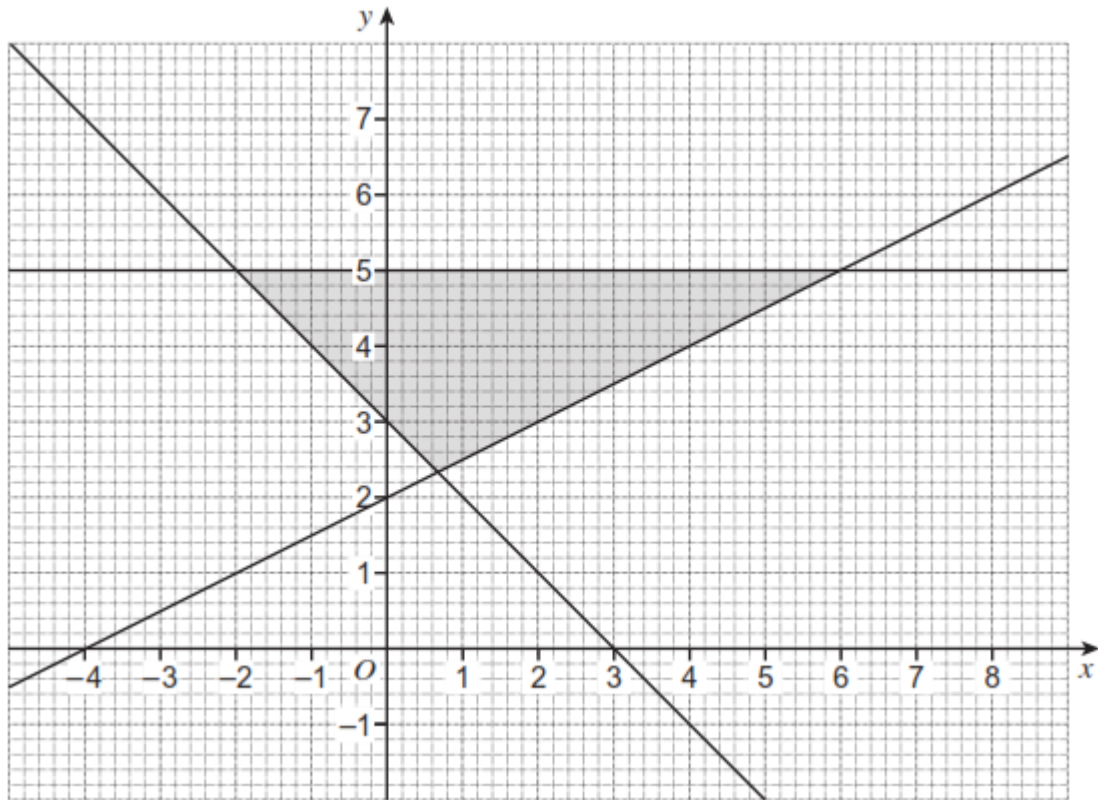$$x \leq 3$$

$$y \geq x$$

$$y \leq 2x - 1$$

(Total 4 marks)

Q4. Points in the shaded region satisfy three inequalities.

One of the inequalities is $y \leq 5$

Which of these are the other **two** inequalities?

A $2y \geq x - 4$ B $x + y \geq 3$ C $y \geq 2x + 4$

D $2y \geq x + 4$ E $x + y \leq 3$

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Answer .... and ....

(Total 2 marks)