

**M1.**  $y \leq 5$  or  $5 \geq y$

*Any order.*

*Penalise first use of  $>$  or  $<$  only.*

*Penalise first use of  $\geq$  or  $\Rightarrow$  or  $=<$  or  $\leq$  only.*

*Accept  $2 < y \leq 5$  or  $2 \leq y \leq 5$*

**B1**

$x \geq 2$  or  $2 \leq x$

*Accept  $2 \leq x < 5$  or  $2 \leq x \leq 5$*

**B1**

$y \geq x$  or  $x \leq y$

*oe*

*Sc1  $y = 5$  **and**  $x = 2$  **and**  $y = x$*

*or Sc1  $y \geq 5$  **and**  $x \leq 2$  **and**  $y \leq x$*

**B1**

**[3]**

**M2.** Correct equation of any line or associated inequality

*Ignore incorrect inequality signs*

**M1**

Correct equations of all four lines or associated inequalities

*Ignore incorrect inequality signs*

**M1**

$x \geq 3$  and  $y > 2$  and

$x > y$  and  $x + y \leq 8$

**A1**

Use of included inequality for at least one of the solid lines

*Strand (i) correct use of notation*

and

Use of strict inequality for at least one of the dashed lines

Q1ft  
[4]

**M3.**Line for  $x = 3$

B1

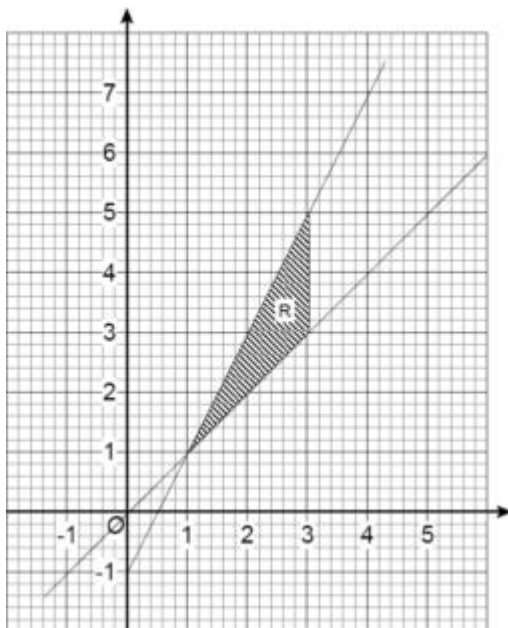
Line for  $y = x$

B1

Line for  $y = 2x - 1$

B1

R in the correct region



*ft if two correct lines and only three drawn*

B1 ft  
[4]

**M4.** B or  $x + y \geq 3$  and D or  $2y \geq x + 4$

*B1 for one correct and at most one incorrect*

**B2**

**[2]**