

Name:

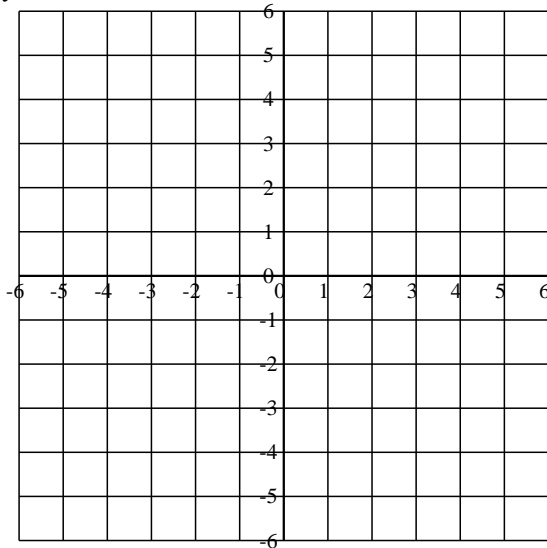
Class/Set:

Shading inequalities

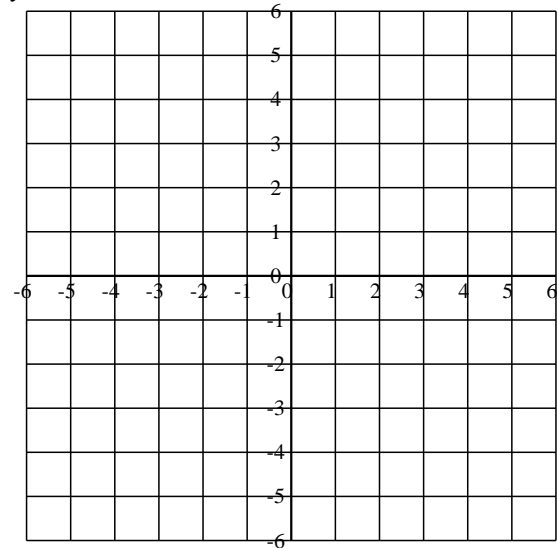
www.mathsprint.co.uk

1: Shade the **unwanted** region:

a) $y > 0$

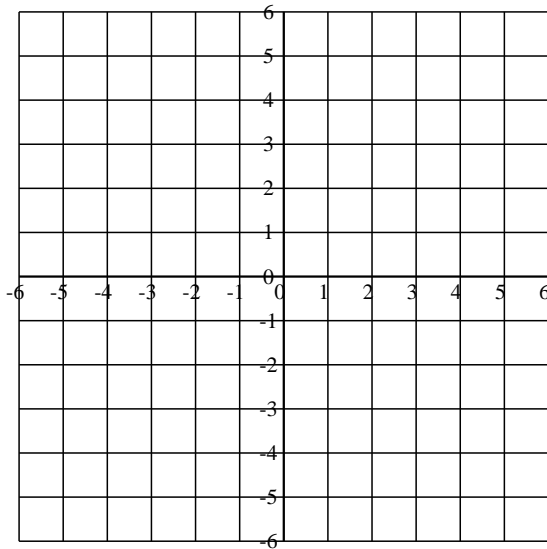


b) $y \leq 2$

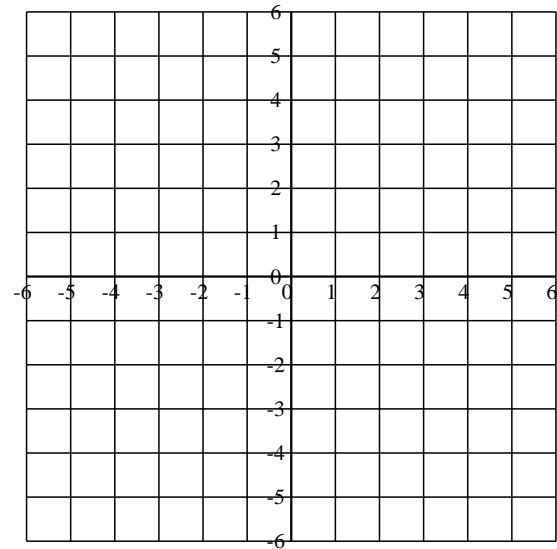


2: Shade the **unwanted** region:

a) $x \geq -5$

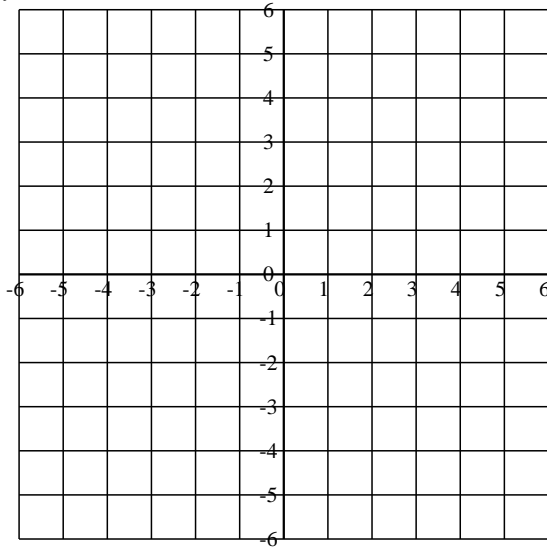


b) $x < -2$

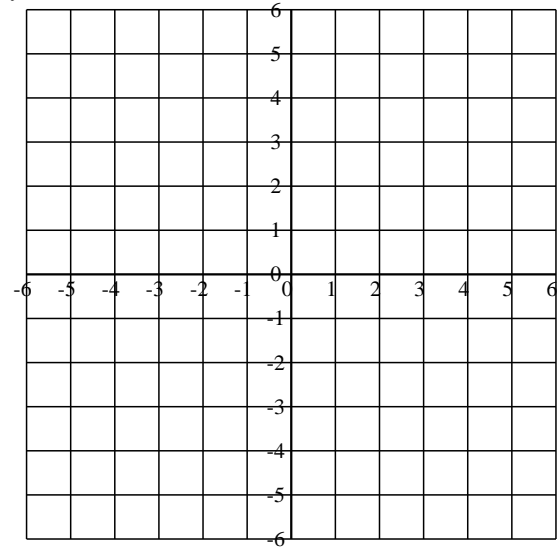


3: Shade the **unwanted** region:

a) $y > -3x + 4$

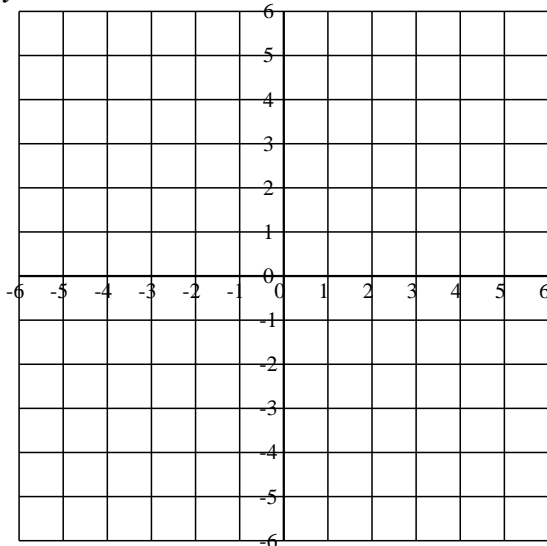


b) $y \leq 4x + 5$

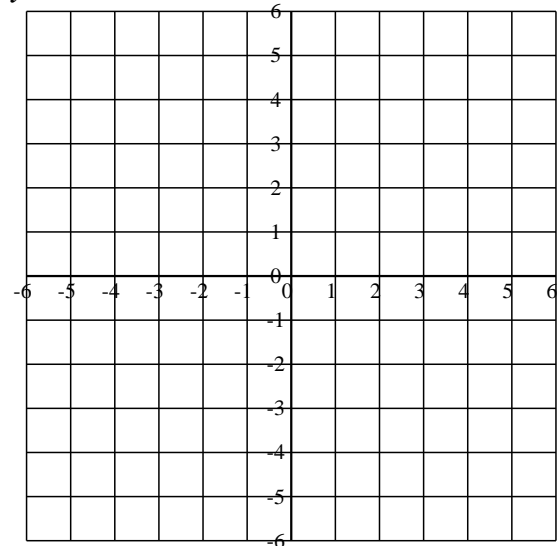


4: Shade the **unwanted** region:

a) $y \geq -4x + 3$

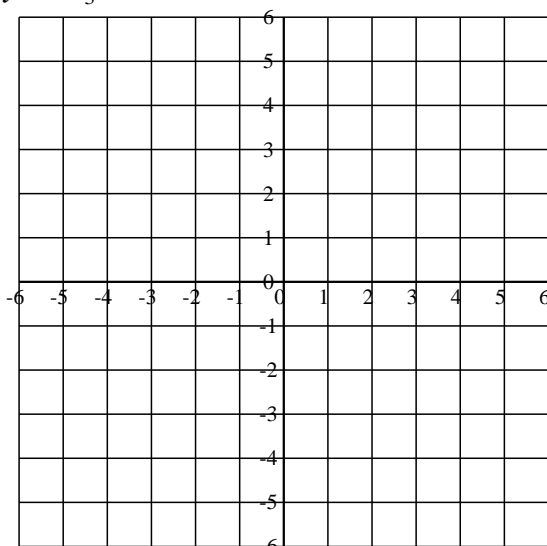


b) $y < 1$

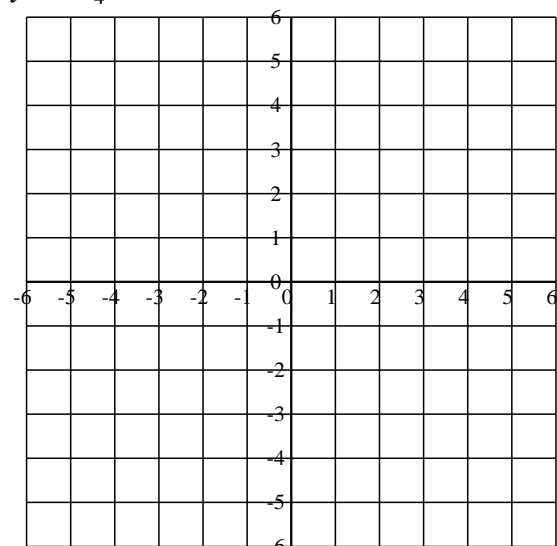


5: Shade the **unwanted** region:

a) $y \leq -\frac{1}{3}x - 1$

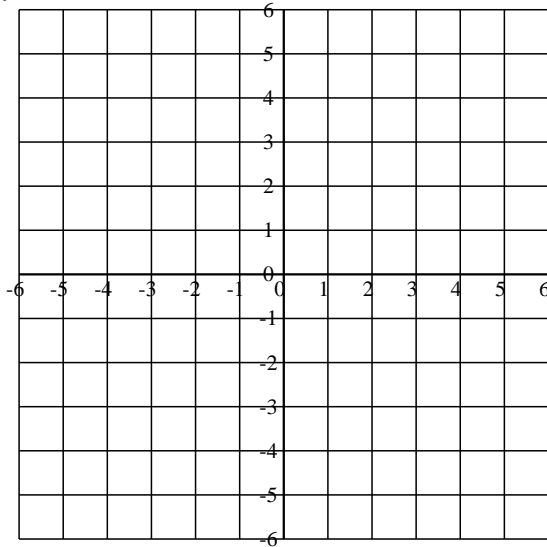


b) $y > -\frac{1}{4}x - 4$

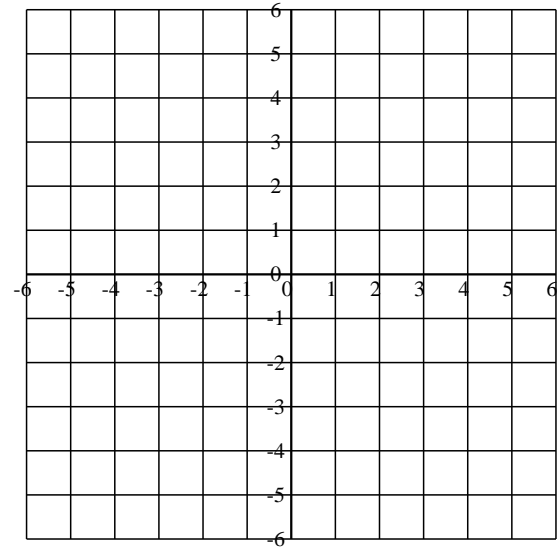


6: Shade the **unwanted** region:

a) $y \geq 2x - 3$

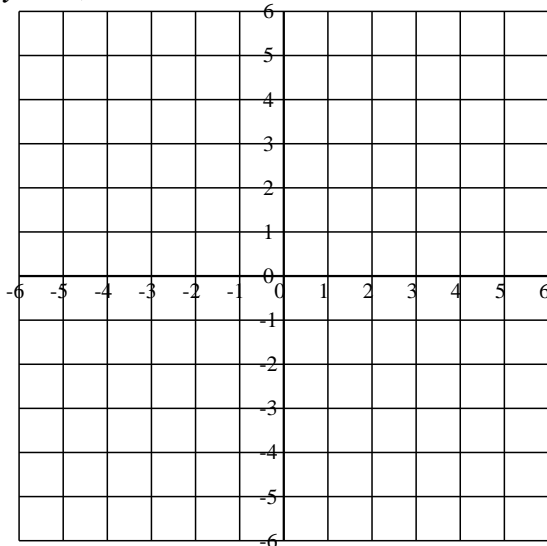


b) $x < 4$

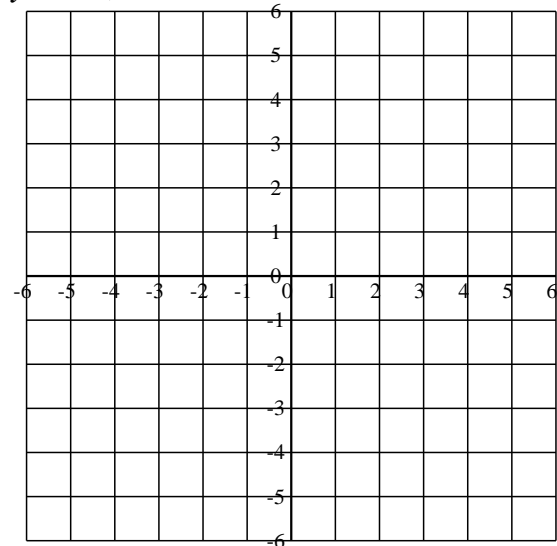


7: Shade the **unwanted** region:

a) $y \leq 2, x \leq 0$

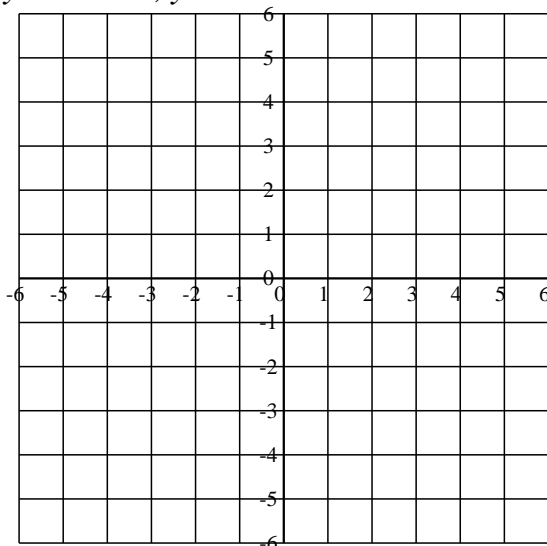


b) $y < -5, x > 1$

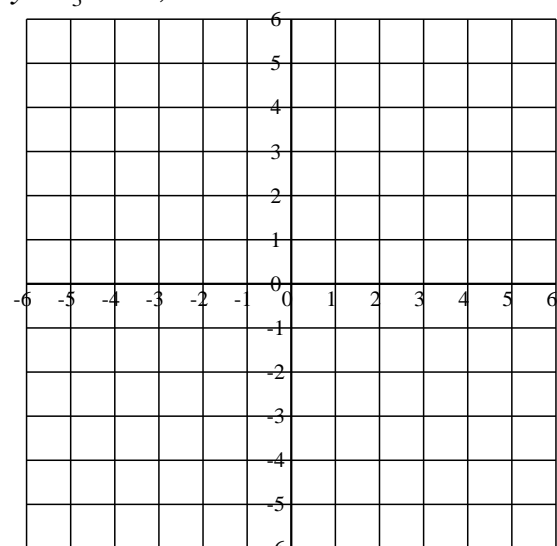


8: Shade the **unwanted** region:

a) $y \geq 2x - 3, y < 5$

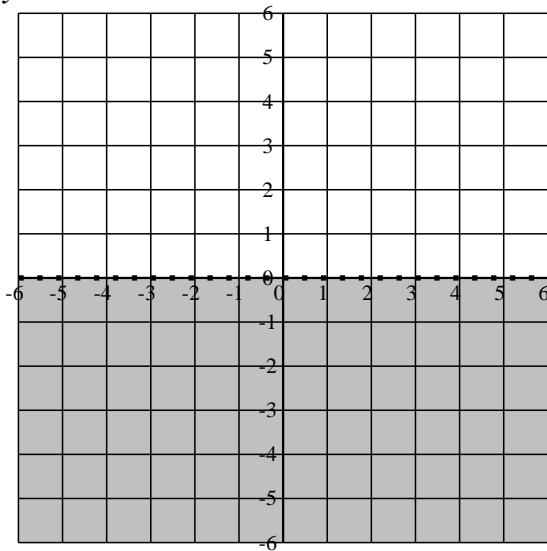


b) $y > \frac{1}{3}x - 1, x \geq -4$

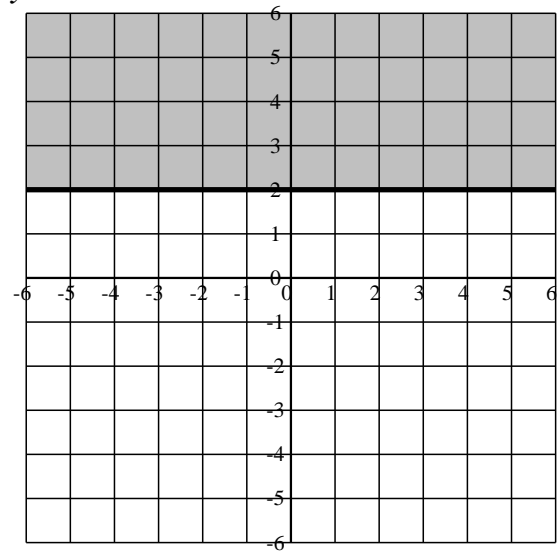


Answers: Shading inequalities

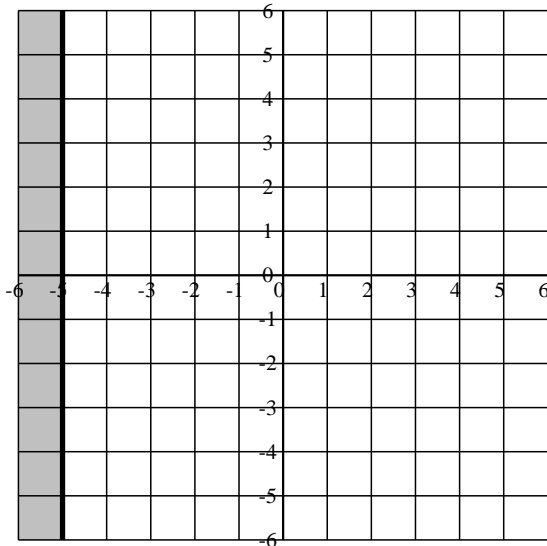
1: a) $y > 0$



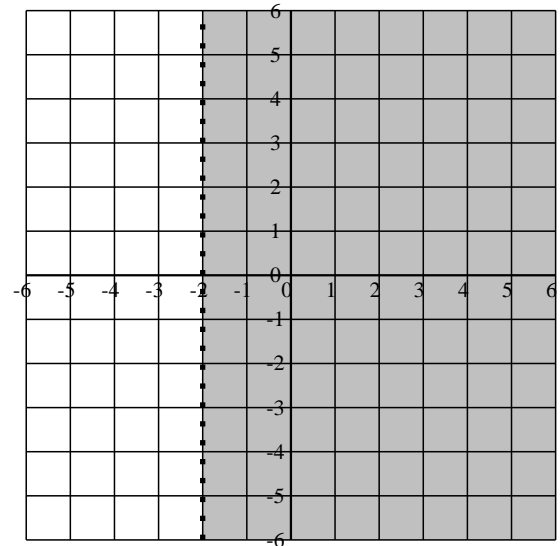
b) $y \leq 2$



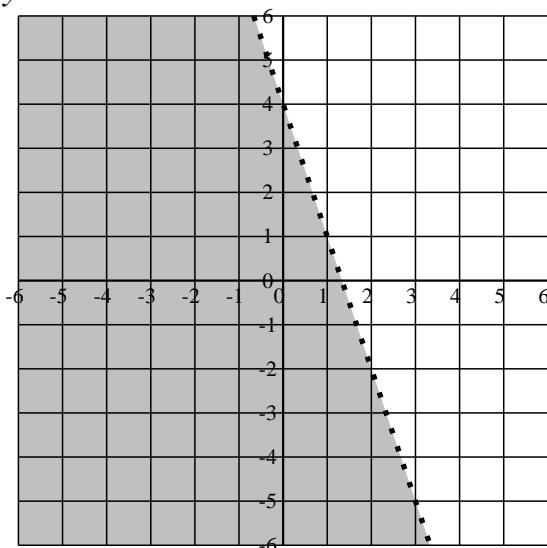
2: a) $x \geq -5$



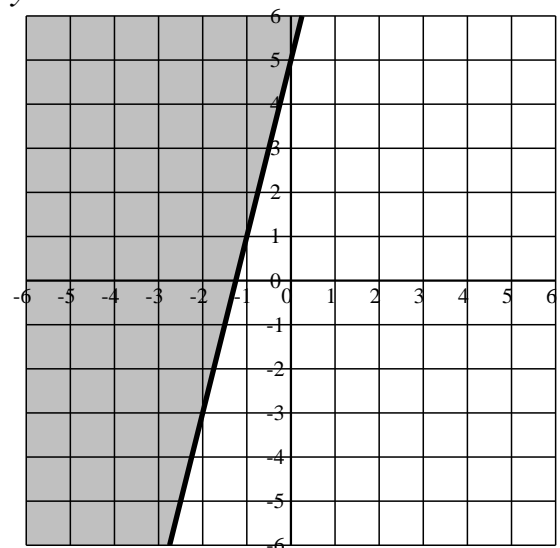
b) $x < -2$



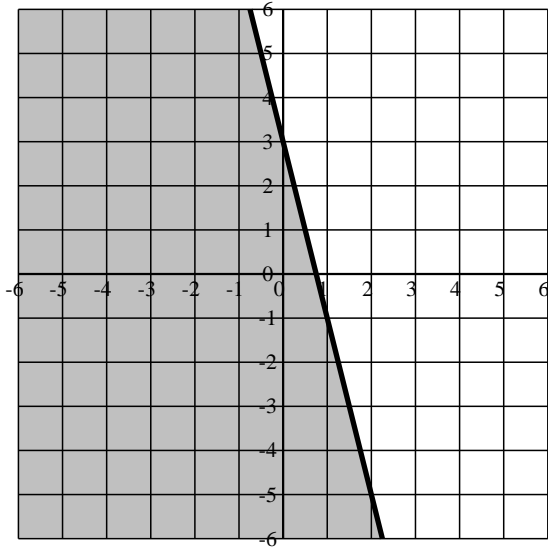
3: a) $y > -3x + 4$



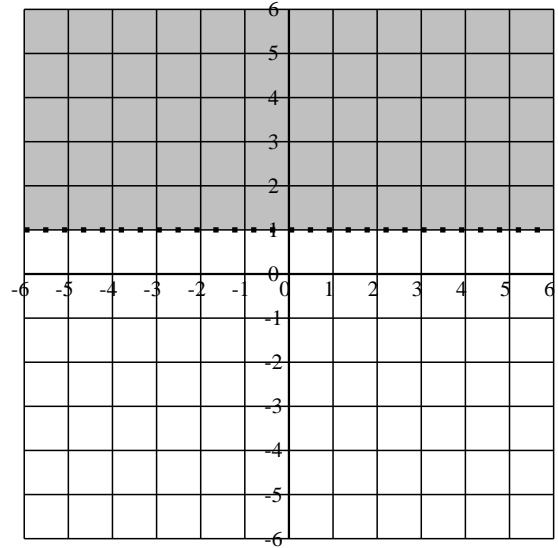
b) $y \leq 4x + 5$



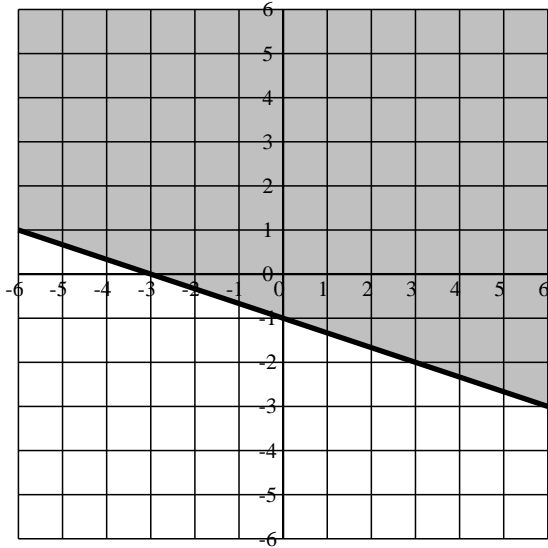
4: a) $y \geq -4x + 3$



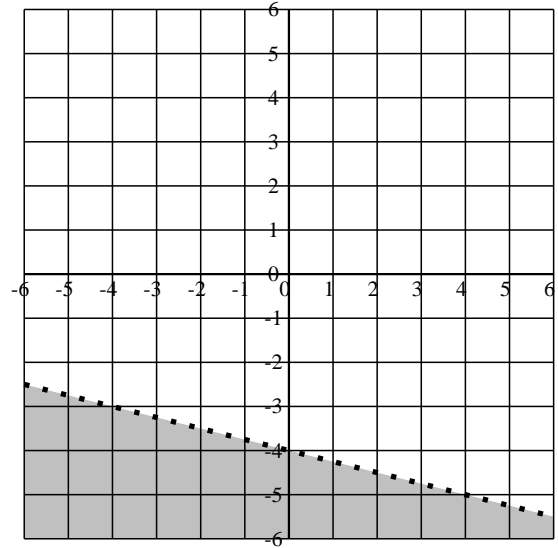
b) $y < 1$



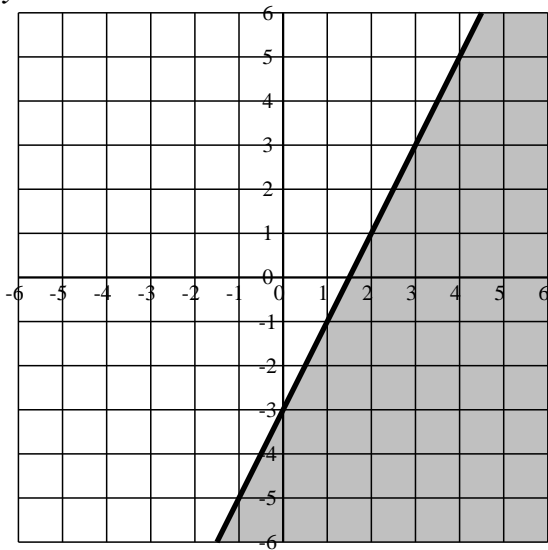
5: a) $y \leq -\frac{1}{3}x - 1$



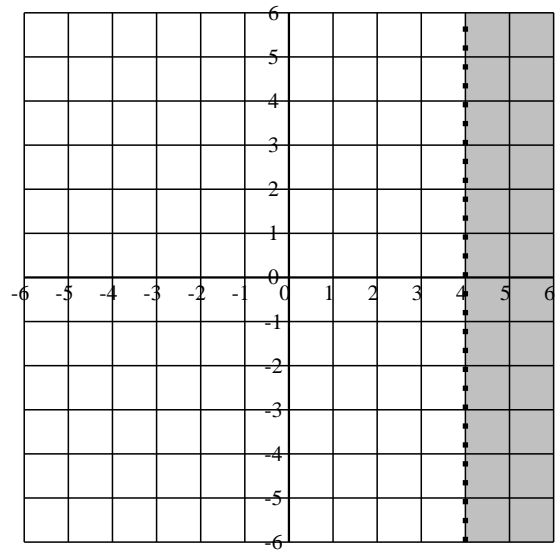
b) $y > -\frac{1}{4}x - 4$



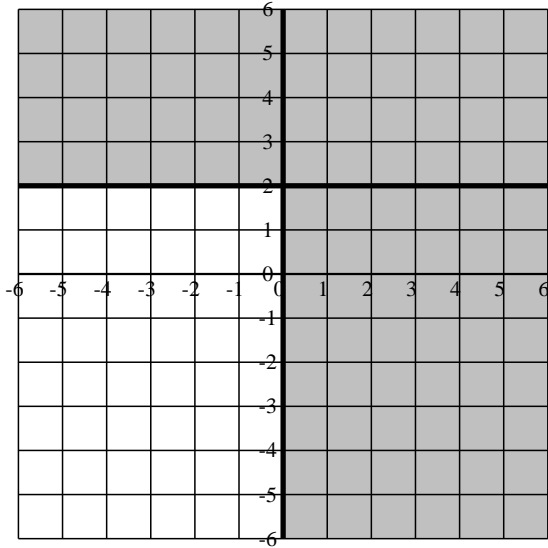
6: a) $y \geq 2x - 3$



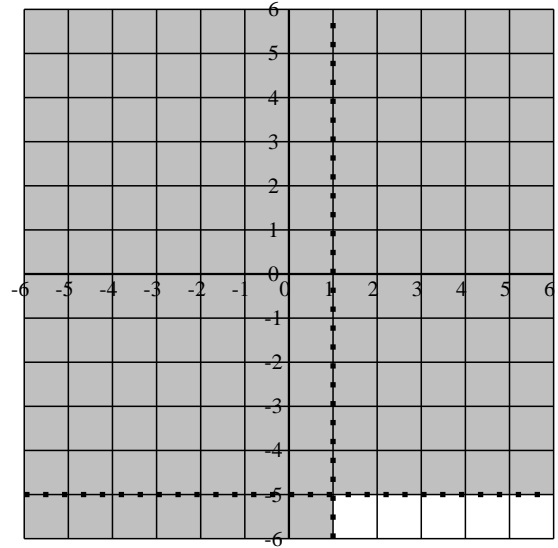
b) $x < 4$



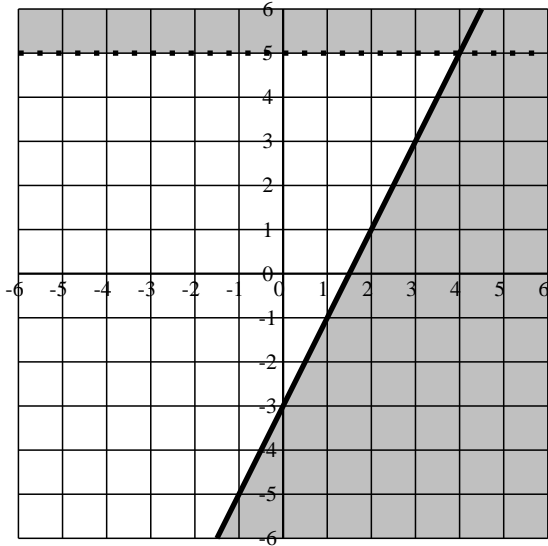
7: a) $y \leq 2, x \leq 0$



b) $y < -5, x > 1$



8: a) $y \geq 2x - 3, y < 5$



b) $y > \frac{1}{3}x - 1, x \geq -4$

