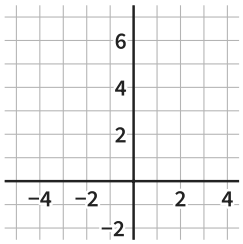
Inequalities and regions: shading a region

Exit ticket Name _____

1. Is the line for $2x - y \geq 4$ dashed or solid? Is (0, 0) in the region?

2. Is the point (1, 3) in the region where $y > 2x$ and $x + y \leq 4$? Show how you know.

3. Shade the region R where $y > -1$, $x \leq 3$ and $y \leq x + 3$.



The Maths Habit

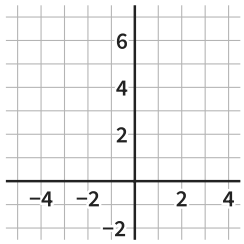
Inequalities and regions: shading a region

Exit ticket Name _____

1. Is the line for $2x - y \geq 4$ dashed or solid? Is (0, 0) in the region?

2. Is the point (1, 3) in the region where $y > 2x$ and $x + y \leq 4$? Show how you know.

3. Shade the region R where $y > -1$, $x \leq 3$ and $y \leq x + 3$.



The Maths Habit

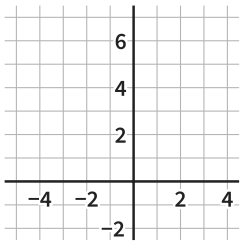
Inequalities and regions: shading a region

Exit ticket Name _____

1. Is the line for $2x - y \geq 4$ dashed or solid? Is (0, 0) in the region?

2. Is the point (1, 3) in the region where $y > 2x$ and $x + y \leq 4$? Show how you know.

3. Shade the region R where $y > -1$, $x \leq 3$ and $y \leq x + 3$.



The Maths Habit

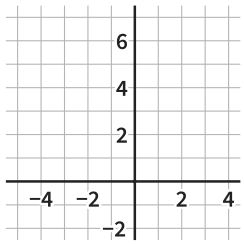
Inequalities and regions: shading a region

Exit ticket Name _____

1. Is the line for $2x - y \geq 4$ dashed or solid? Is (0, 0) in the region?

2. Is the point (1, 3) in the region where $y > 2x$ and $x + y \leq 4$? Show how you know.

3. Shade the region R where $y > -1$, $x \leq 3$ and $y \leq x + 3$.



The Maths Habit

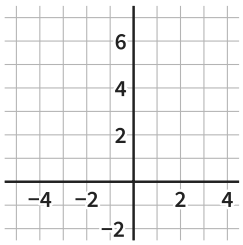
Inequalities and regions: shading a region

Exit ticket Name _____

1. Is the line for $2x - y \geq 4$ dashed or solid? Is (0, 0) in the region?

2. Is the point (1, 3) in the region where $y > 2x$ and $x + y \leq 4$? Show how you know.

3. Shade the region R where $y > -1$, $x \leq 3$ and $y \leq x + 3$.



The Maths Habit

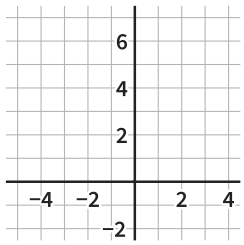
Inequalities and regions: shading a region

Exit ticket Name _____

1. Is the line for $2x - y \geq 4$ dashed or solid? Is (0, 0) in the region?

2. Is the point (1, 3) in the region where $y > 2x$ and $x + y \leq 4$? Show how you know.

3. Shade the region R where $y > -1$, $x \leq 3$ and $y \leq x + 3$.



The Maths Habit