

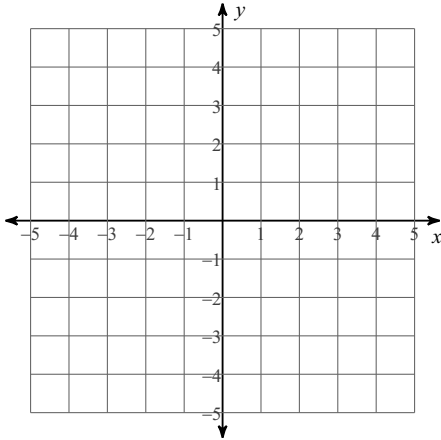
systems of inequality graphing

Date _____ Period _____

Sketch the solution to each system of inequalities.

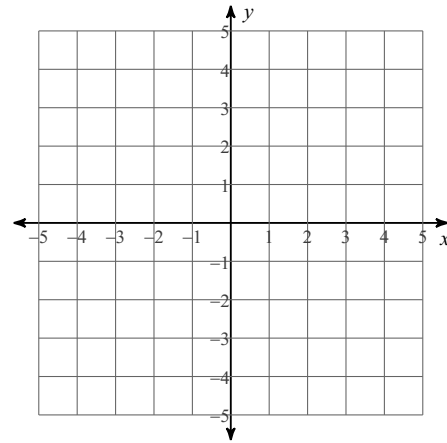
1) $x < -2$

$$y \leq -\frac{1}{2}x + 2$$



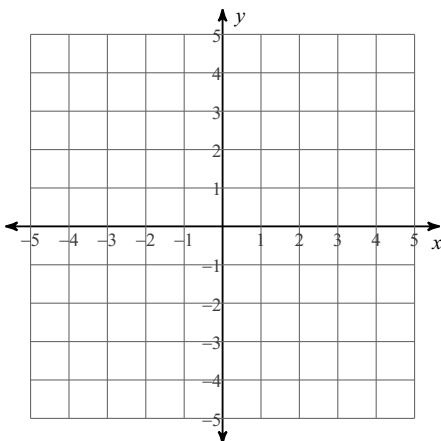
2) $y < -\frac{1}{2}x - 2$

$$y < -\frac{5}{2}x + 2$$



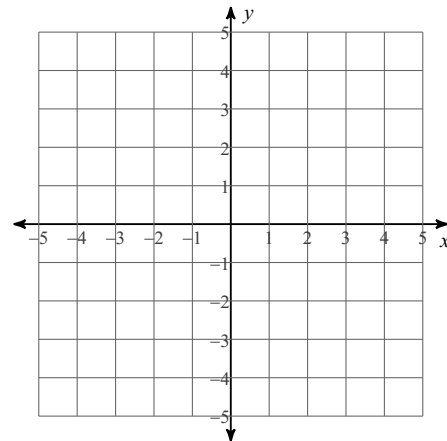
3) $y < \frac{1}{2}x + 2$

$$y \geq -\frac{3}{2}x - 2$$



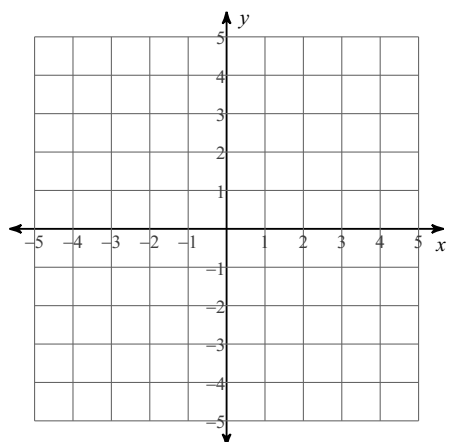
4) $y > \frac{2}{3}x - 3$

$$y \geq -x + 2$$



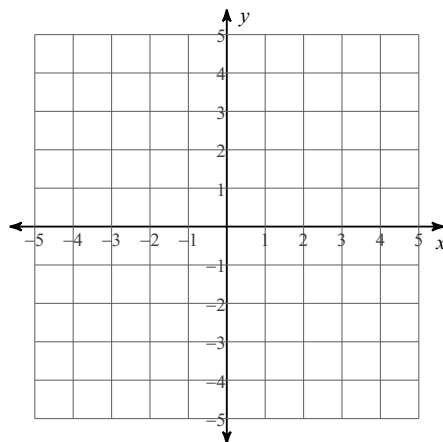
$$5) y < -\frac{3}{2}x - 2$$

$$y < x + 3$$



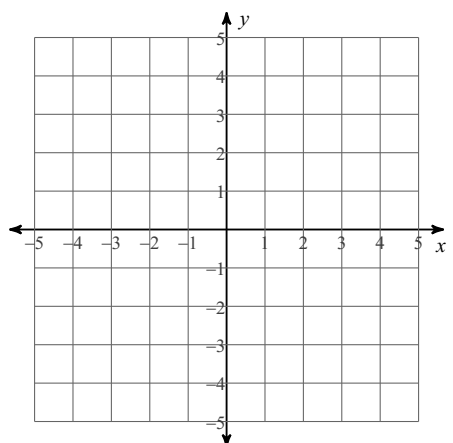
$$6) y \leq -x + 1$$

$$y > x - 3$$



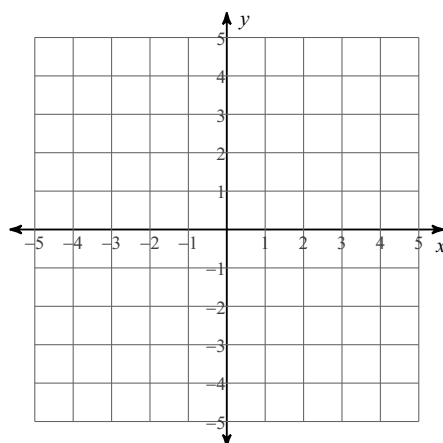
$$7) y \geq -3$$

$$y \geq 5x + 2$$



$$8) y < 3x + 2$$

$$y \leq 3x + 3$$

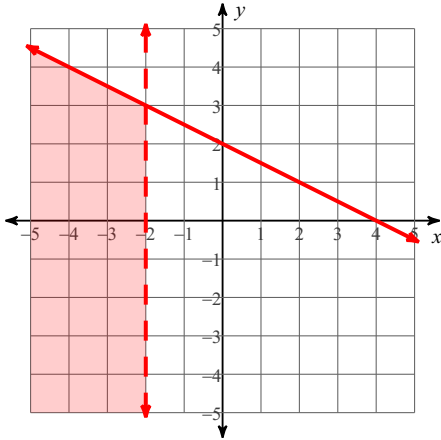


systems of inequality graphing

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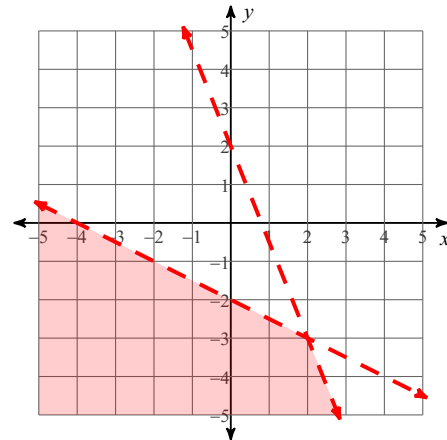
1) $x < -2$

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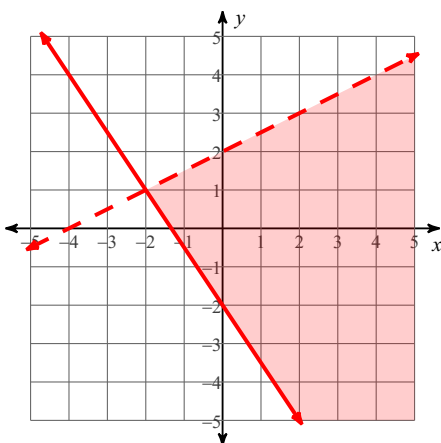
2) $y < -\frac{1}{2}x - 2$

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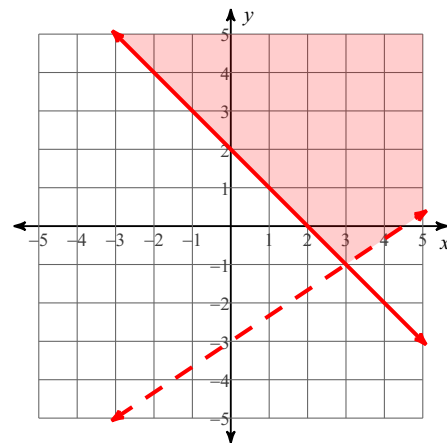
3) $y < \frac{1}{2}x + 2$

$$y \geq -\frac{3}{2}x - 2$$



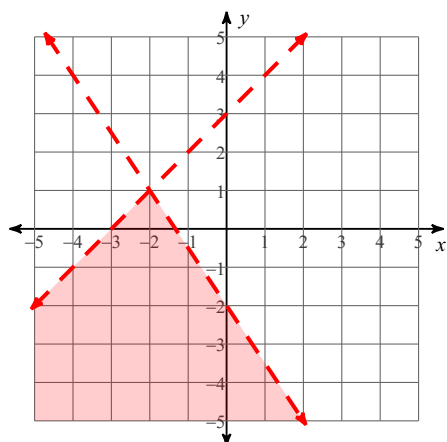
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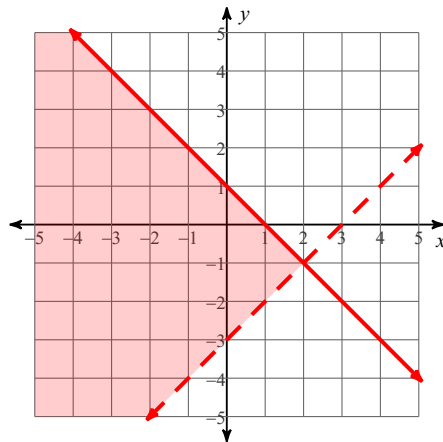
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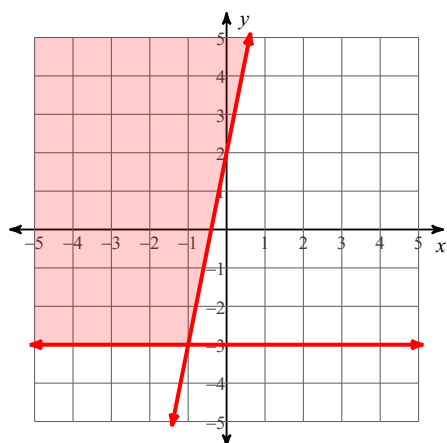
$$6) y \leq -x + 1$$

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