

Assignment

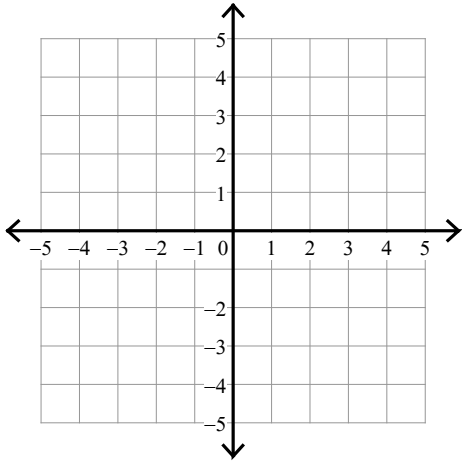
Name _____

Date _____ Period _____

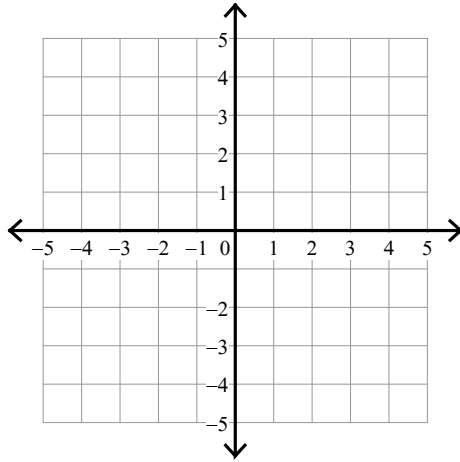
Sketch the solution to each system of inequalities.

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

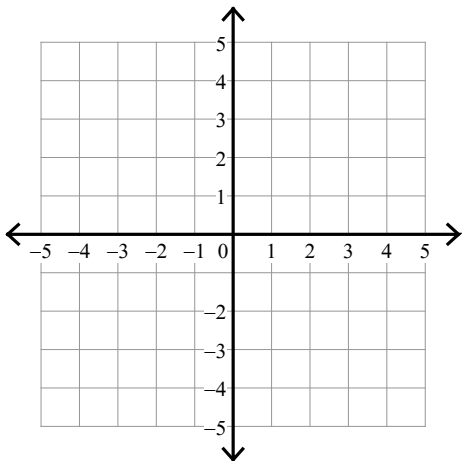
$y > \frac{1}{3}x - 2$



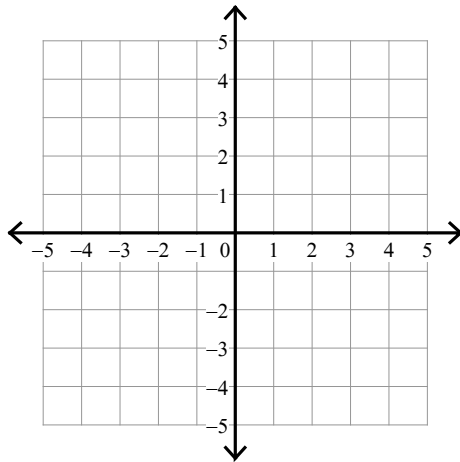
2) $y > x - 2$
 $y \leq -3x + 2$



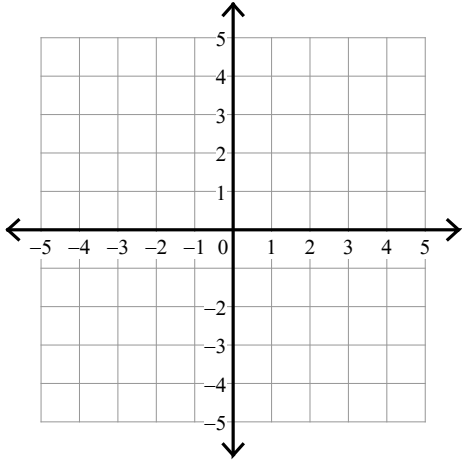
3) $y \geq x + 3$
 $y \leq -5x - 3$



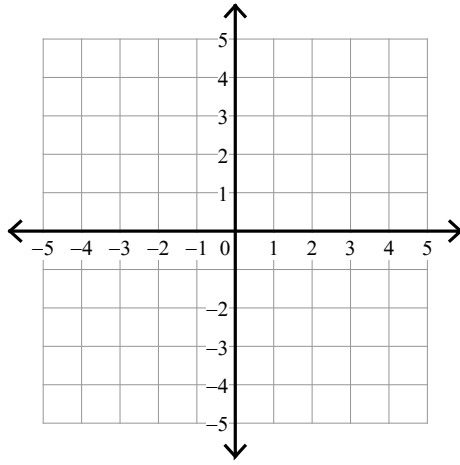
4) $y \geq -\frac{2}{3}x + 3$
 $x > 3$



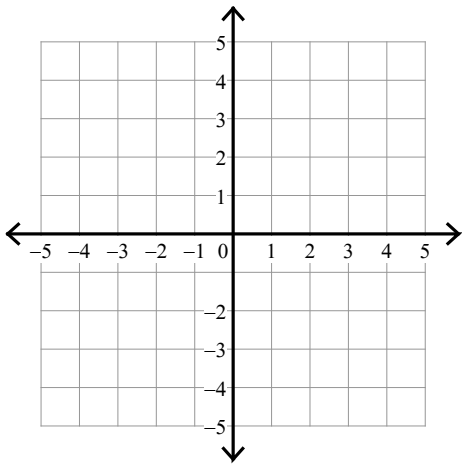
5) $y < -3$
 $y < \frac{5}{3}x + 2$



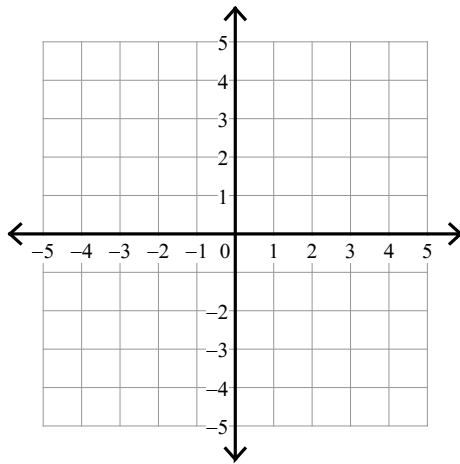
6) $y > -5x + 3$
 $y > -x - 1$



7) $y \geq 3x + 3$
 $y \leq \frac{1}{2}x - 2$



8) $y > -\frac{1}{3}x + 2$
 $y \geq -2x - 3$



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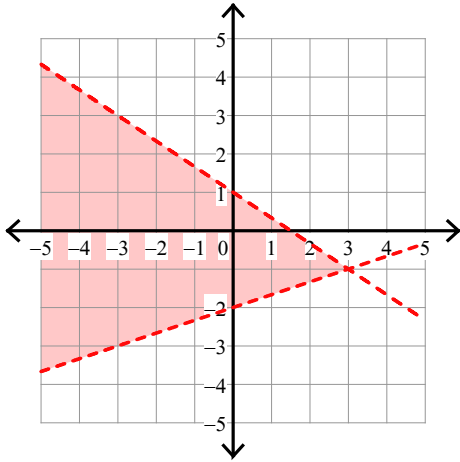
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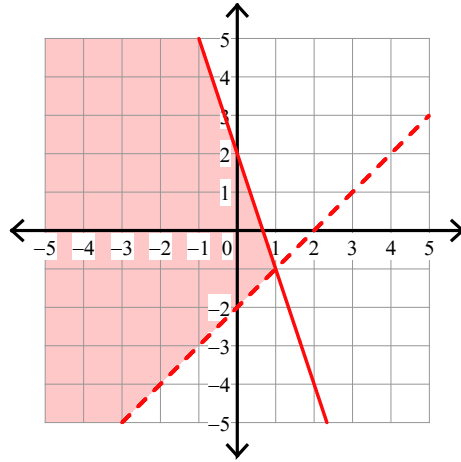
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1) $y < -\frac{2}{3}x + 1$

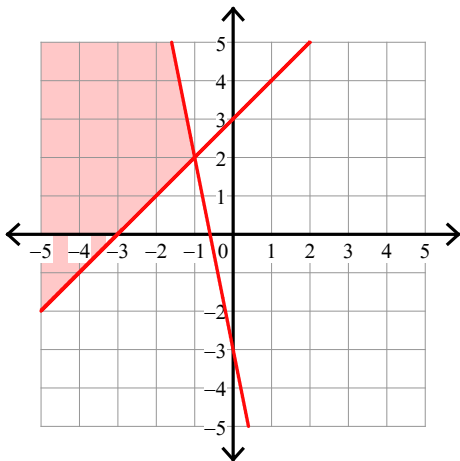
$y > \frac{1}{3}x - 2$



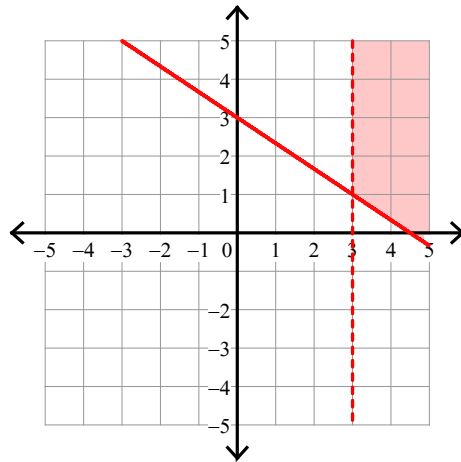
2) $y > x - 2$
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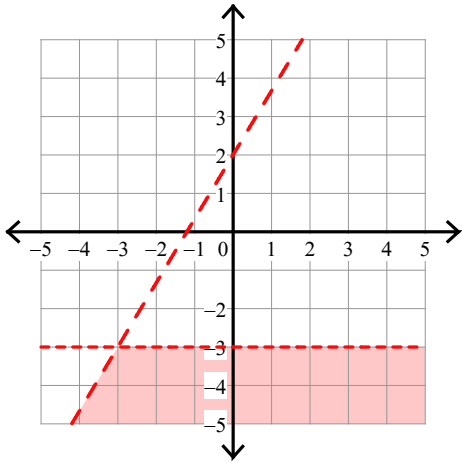
3) $y \geq x + 3$
 $y \leq -5x - 3$



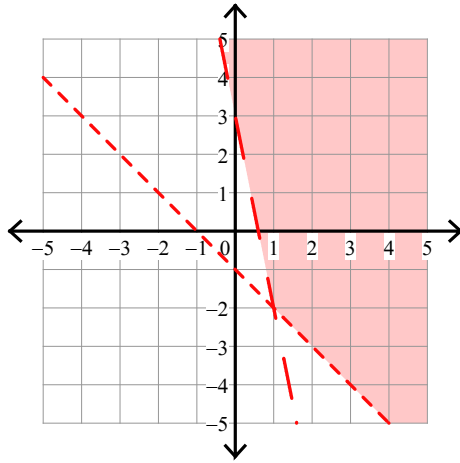
4) $y \geq -\frac{2}{3}x + 3$
 $x > 3$



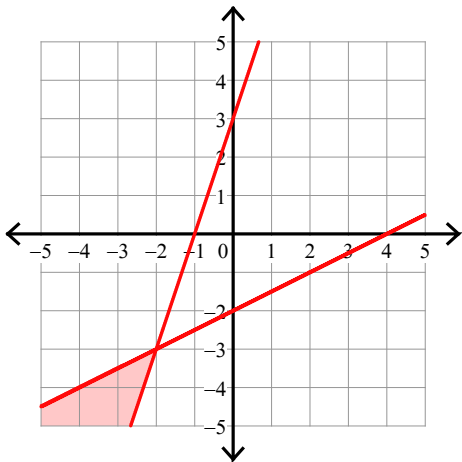
5) $y < -3$
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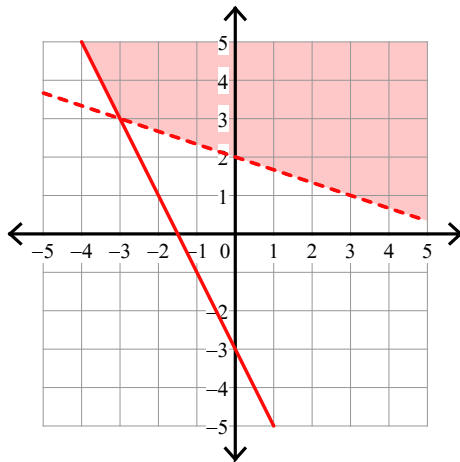
6) $y > -5x + 3$
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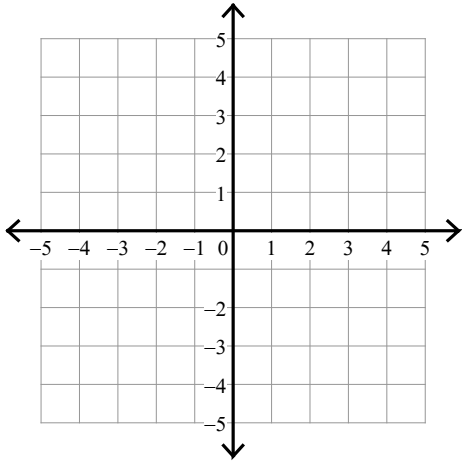
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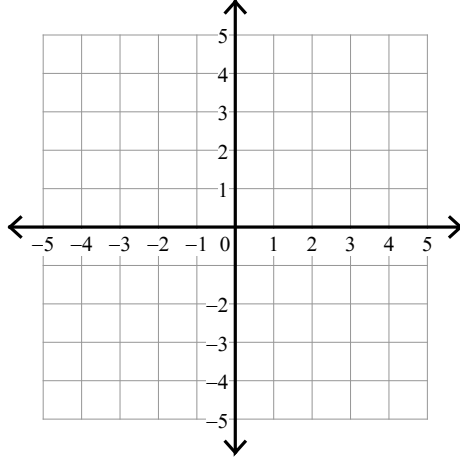
$$1) \ y > -\frac{1}{2}x - 2$$

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



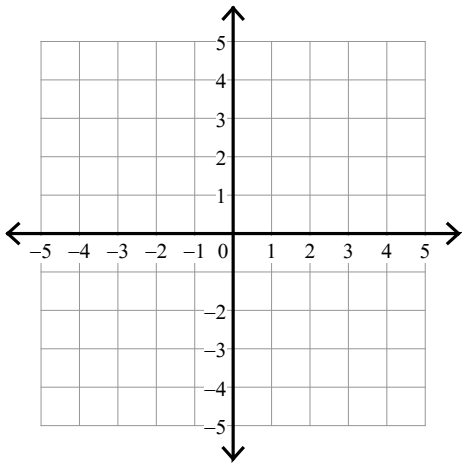
$$2) \ y \leq -2x + 3$$

$$y > -\frac{2}{3}x - 1$$



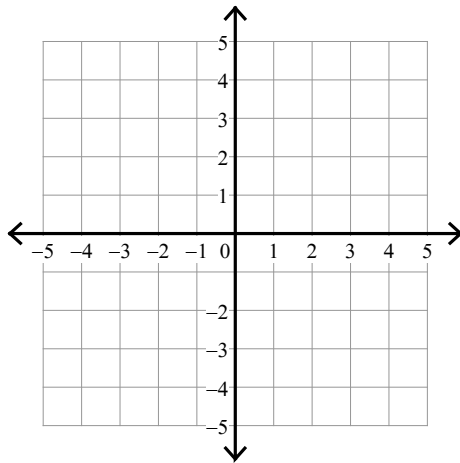
$$3) \ y > \frac{1}{3}x - 2$$

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

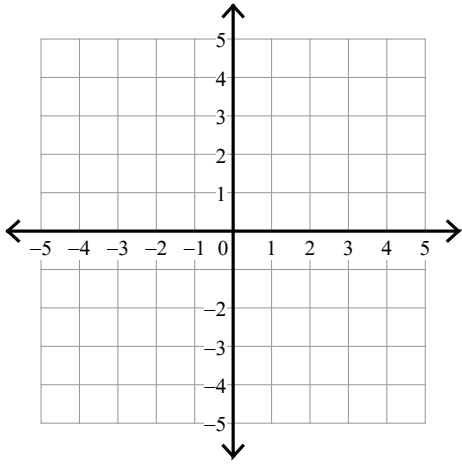


$$4) \ y \leq \frac{1}{3}x - 1$$

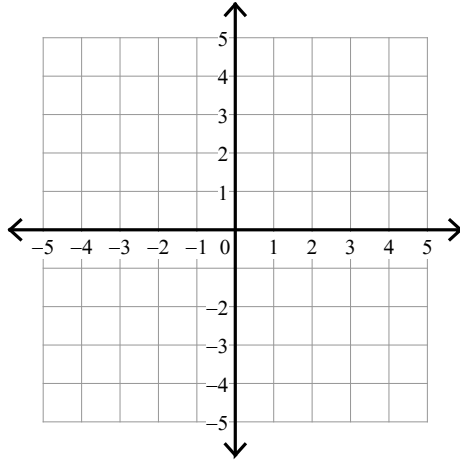
$$y > \frac{1}{3}x + 3$$



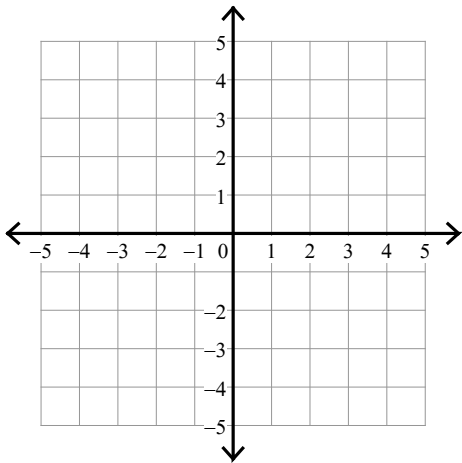
$$5) \begin{aligned} x &\geq 1 \\ y &\leq -x - 2 \end{aligned}$$



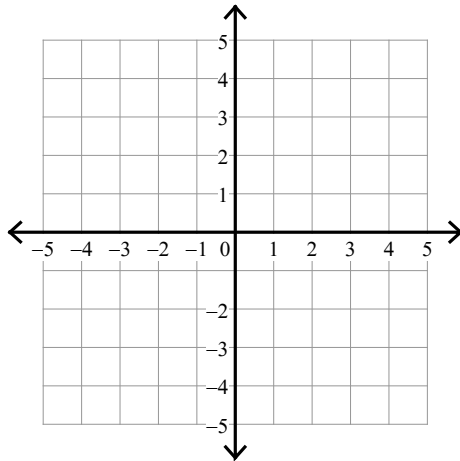
$$6) \begin{aligned} y &\geq -x + 1 \\ y &\geq \frac{1}{2}x - 2 \end{aligned}$$



$$7) \begin{aligned} y &> \frac{1}{3}x - 3 \\ y &\leq -\frac{5}{3}x + 3 \end{aligned}$$



$$8) \begin{aligned} y &< -x + 3 \\ y &\geq 3x - 1 \end{aligned}$$



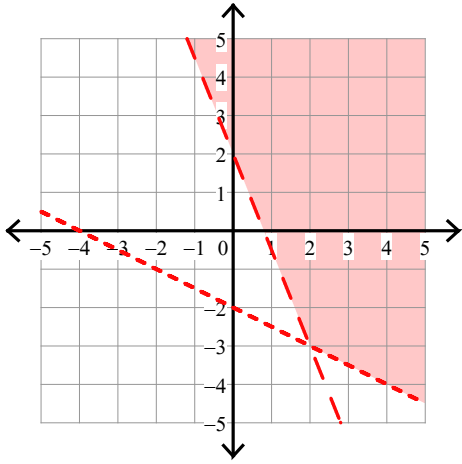
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Sketch the solution to each system of inequalities.

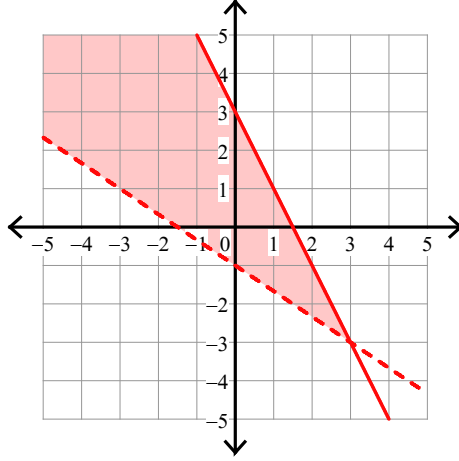
$$1) \ y > -\frac{1}{2}x - 2$$

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



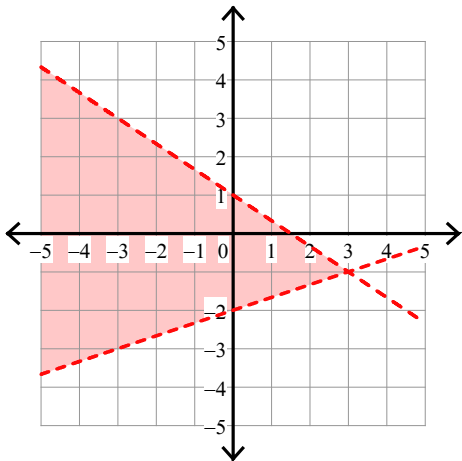
$$2) \ y \leq -2x + 3$$

$$y > -\frac{2}{3}x - 1$$



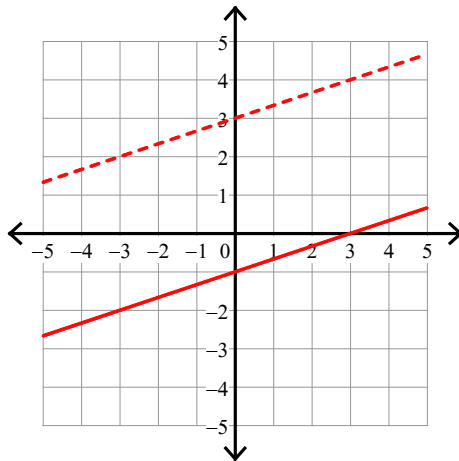
$$3) \ y > \frac{1}{3}x - 2$$

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

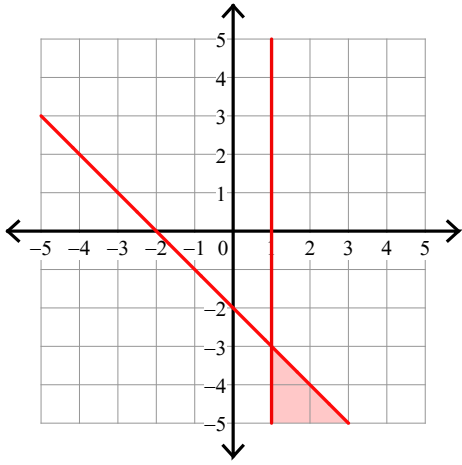


$$4) \ y \leq \frac{1}{3}x - 1$$

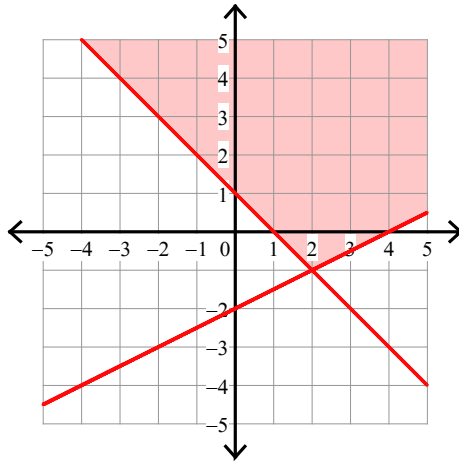
$$y > \frac{1}{3}x + 3$$



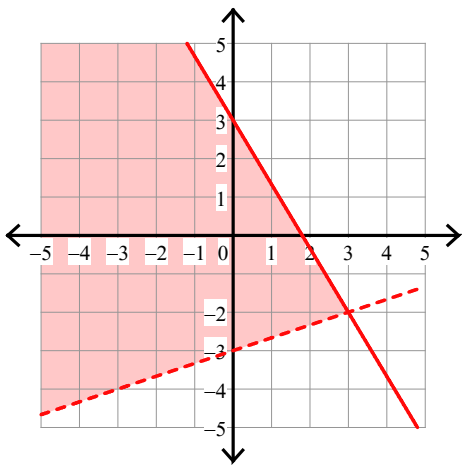
$$5) \begin{cases} x \geq 1 \\ y \leq -x - 2 \end{cases}$$



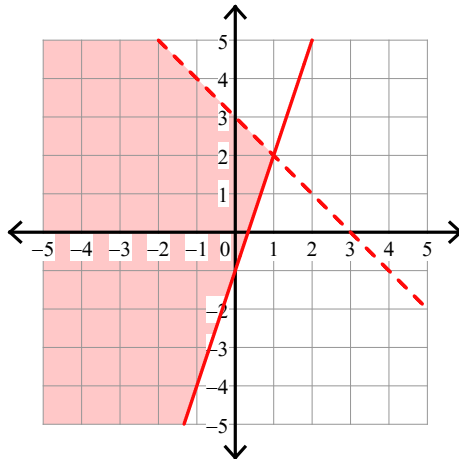
$$6) \begin{cases} y \geq -x + 1 \\ y \geq \frac{1}{2}x - 2 \end{cases}$$



$$7) \begin{cases} y > \frac{1}{3}x - 3 \\ y \leq -\frac{5}{3}x + 3 \end{cases}$$



$$8) \begin{cases} y < -x + 3 \\ y \geq 3x - 1 \end{cases}$$

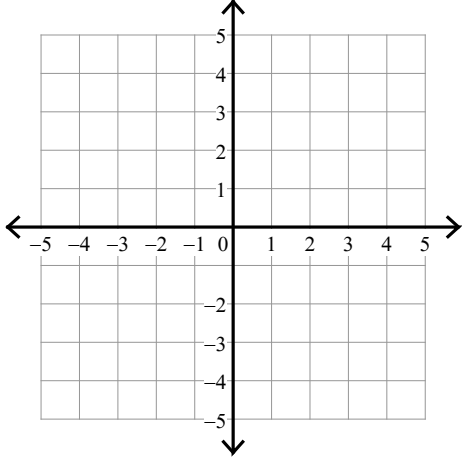


Assignment

Sketch the solution to each system of inequalities.

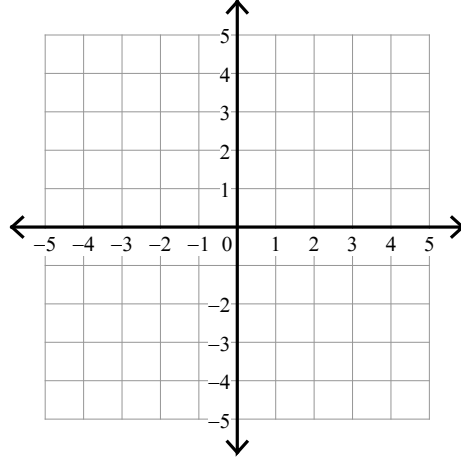
$$1) y \geq \frac{1}{3}x + 2$$

$$y \geq 2x - 3$$



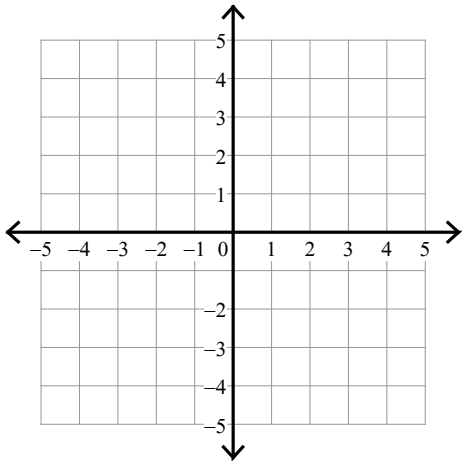
$$2) y \leq -x - 2$$

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



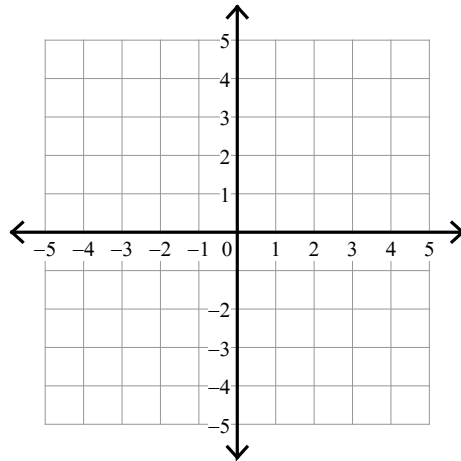
$$3) y \geq \frac{1}{3}x - 3$$

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

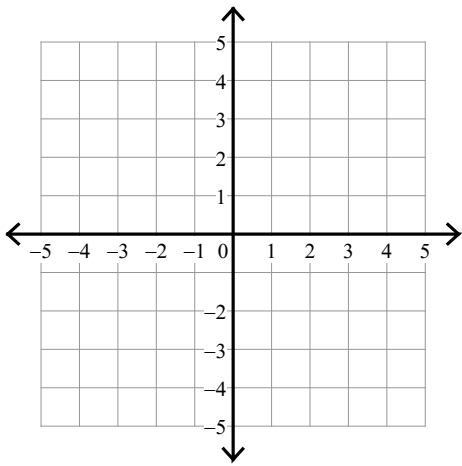


$$4) y \geq -\frac{2}{3}x + 3$$

$$y < \frac{4}{3}x - 3$$

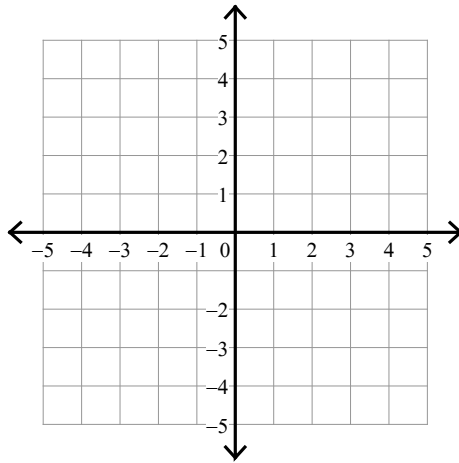


$$5) \begin{aligned} y &\leq -2x + 3 \\ y &> -2x + 2 \end{aligned}$$

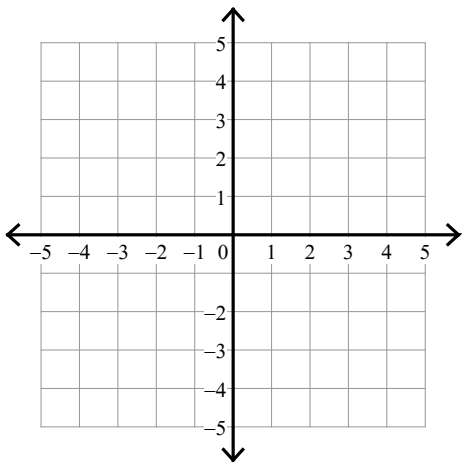


$$6) y > \frac{1}{3}x + 3$$

$$y \geq -\frac{5}{3}x - 3$$

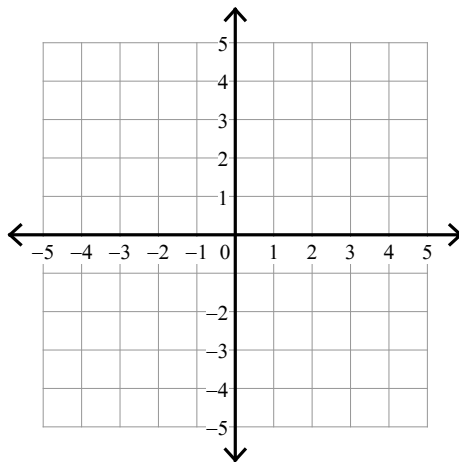


$$7) \begin{aligned} y &> \frac{1}{3}x - 2 \\ y &< -x + 2 \end{aligned}$$



$$8) y \geq -2x + 2$$

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



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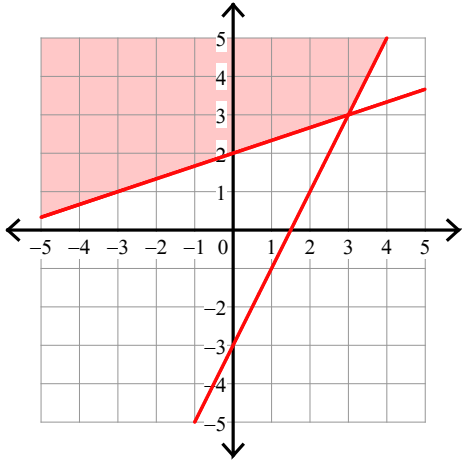
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Sketch the solution to each system of inequalities.

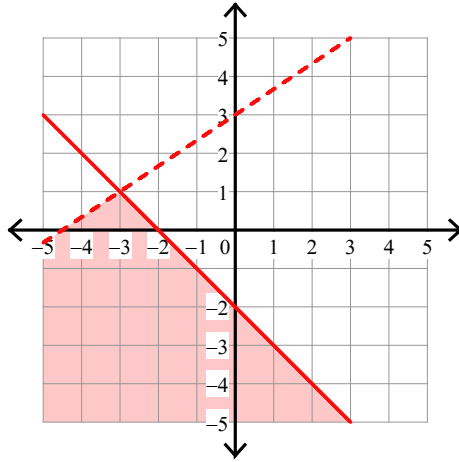
1) $y \geq \frac{1}{3}x + 2$

$y \geq 2x - 3$



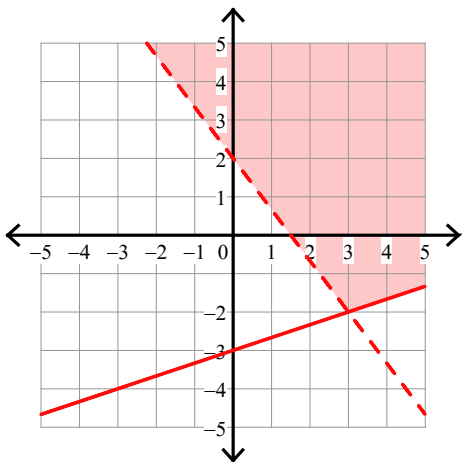
2) $y \leq -x - 2$

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



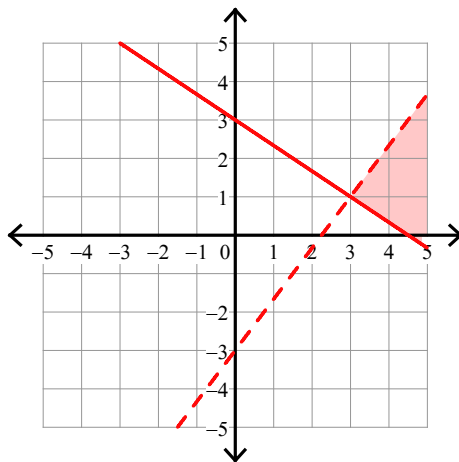
3) $y \geq \frac{1}{3}x - 3$

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

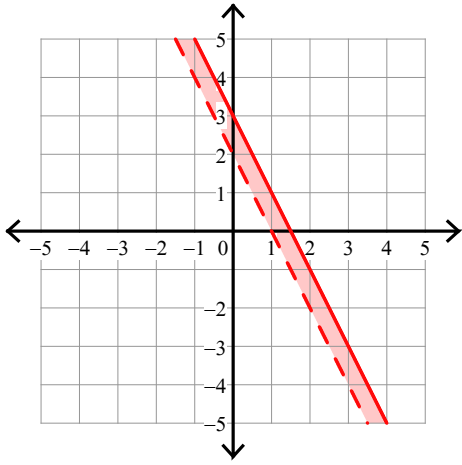


4) $y \geq -\frac{2}{3}x + 3$

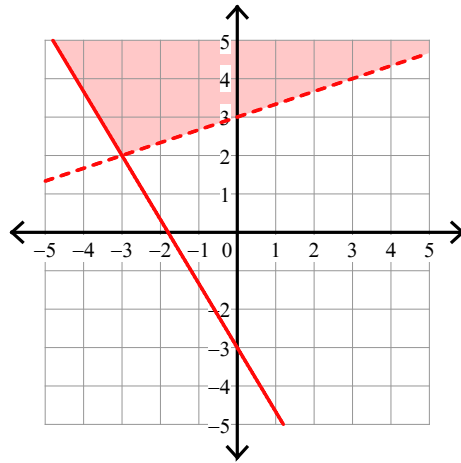
$y < \frac{4}{3}x - 3$



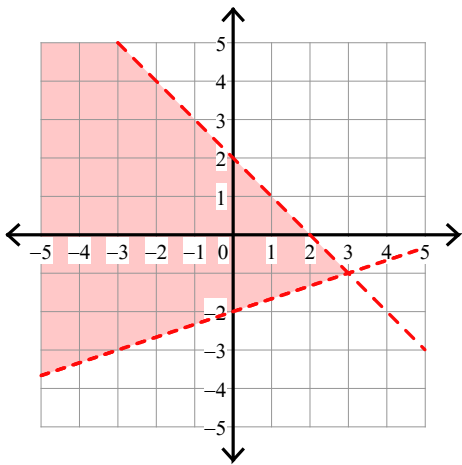
$$5) \begin{aligned} y &\leq -2x + 3 \\ y &> -2x + 2 \end{aligned}$$



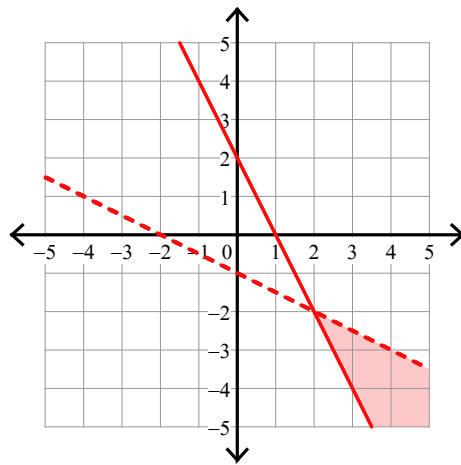
$$6) \begin{aligned} y &> \frac{1}{3}x + 3 \\ y &\geq -\frac{5}{3}x - 3 \end{aligned}$$



$$7) \begin{aligned} y &> \frac{1}{3}x - 2 \\ y &< -x + 2 \end{aligned}$$



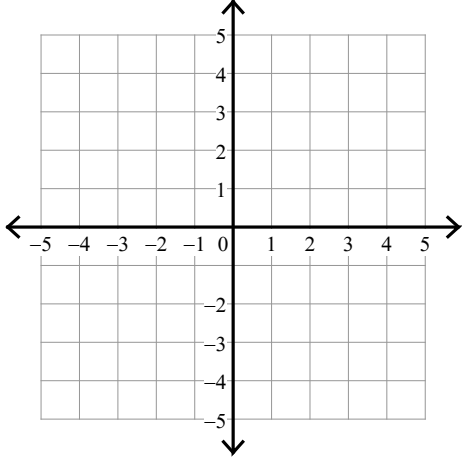
$$8) \begin{aligned} y &\geq -2x + 2 \\ y &< -\frac{1}{2}x - 1 \end{aligned}$$



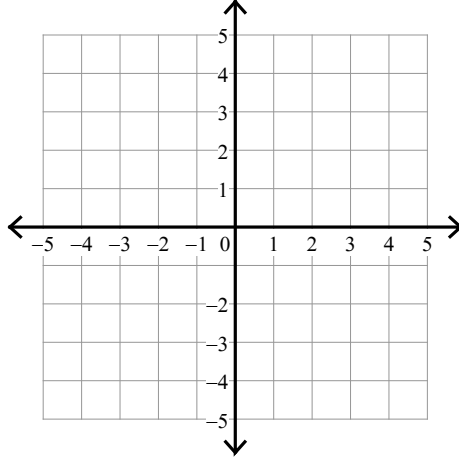
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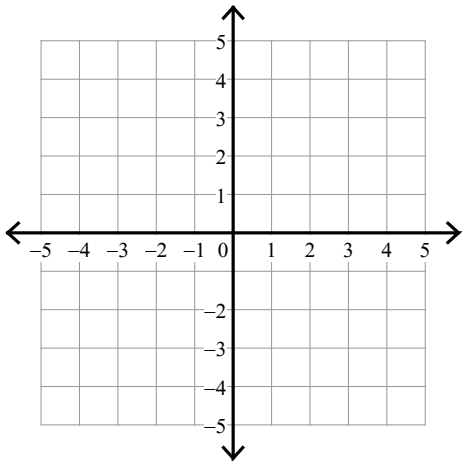
$$1) \begin{aligned} y &< 2x - 1 \\ y &< \frac{1}{2}x + 2 \end{aligned}$$



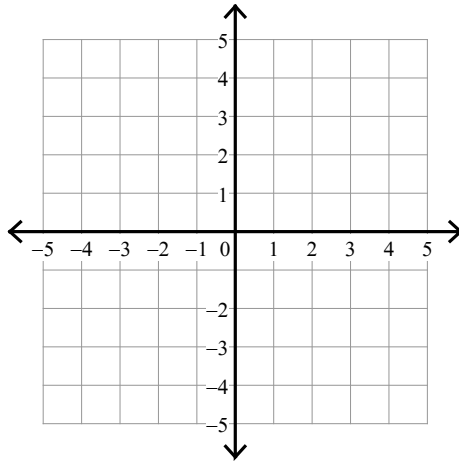
$$2) \begin{aligned} y &> \frac{1}{2}x + 2 \\ y &< 2x - 1 \end{aligned}$$



$$3) \begin{aligned} y &\geq -\frac{2}{3}x + 1 \\ y &< \frac{1}{3}x - 2 \end{aligned}$$

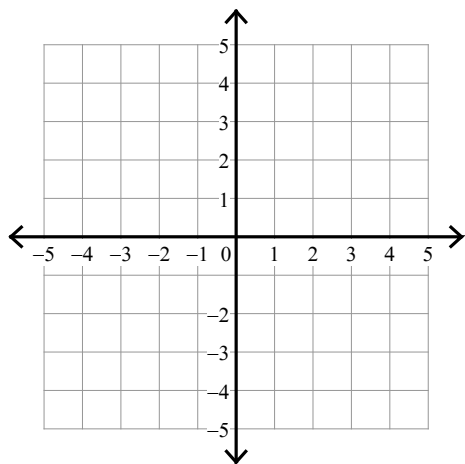


$$4) \begin{aligned} y &\geq 5x + 2 \\ y &> x - 2 \end{aligned}$$



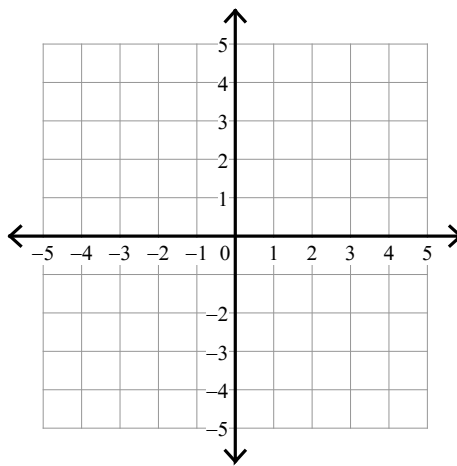
5) $y \leq -x - 2$

$y \leq \frac{1}{3}x + 2$



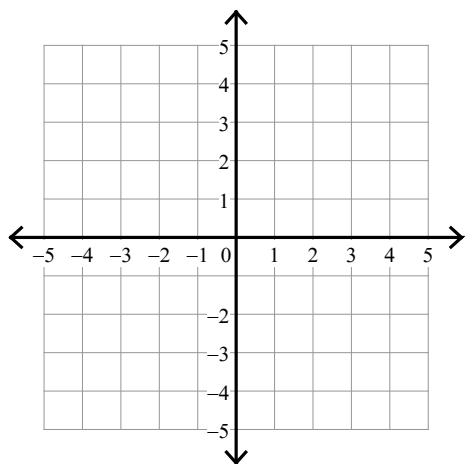
6) $y \leq x - 2$

$y < -2x + 1$



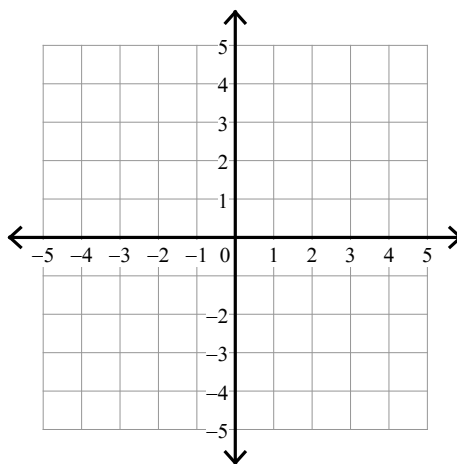
7) $y \geq -\frac{4}{3}x + 1$

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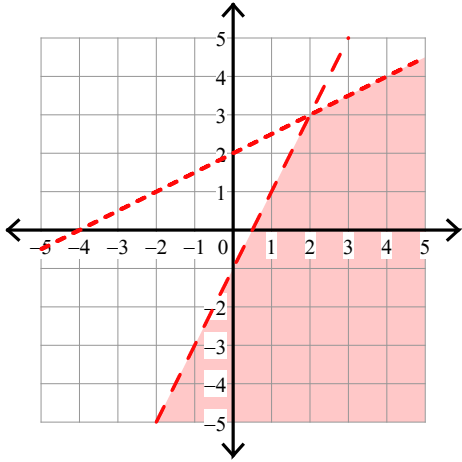
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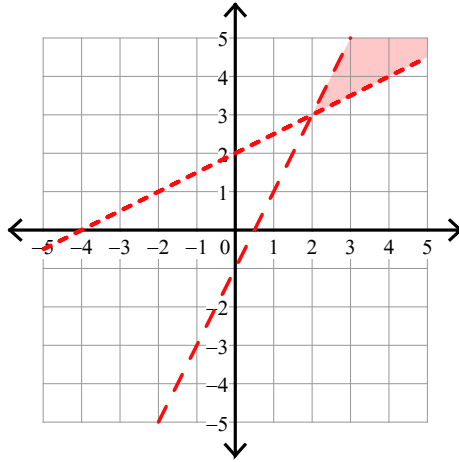
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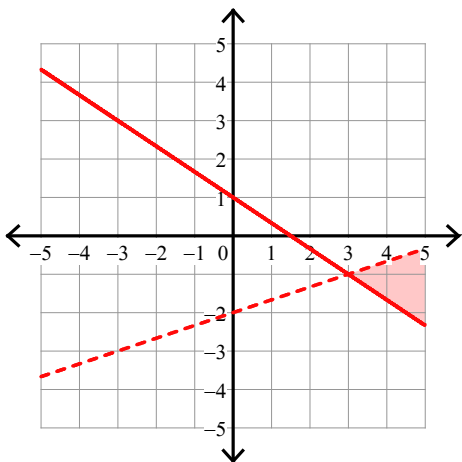
$$1) \begin{aligned} y &< 2x - 1 \\ y &< \frac{1}{2}x + 2 \end{aligned}$$



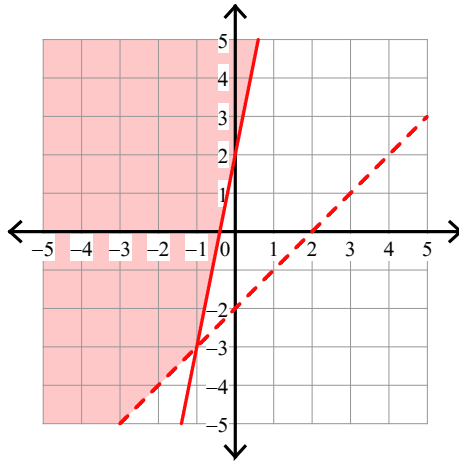
$$2) \begin{aligned} y &> \frac{1}{2}x + 2 \\ y &< 2x - 1 \end{aligned}$$



$$3) \begin{aligned} y &\geq -\frac{2}{3}x + 1 \\ y &< \frac{1}{3}x - 2 \end{aligned}$$

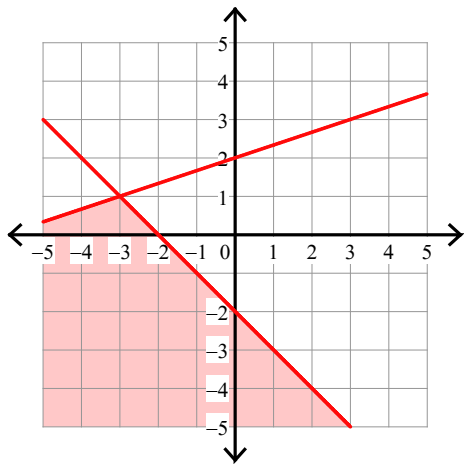


$$4) \begin{aligned} y &\geq 5x + 2 \\ y &> x - 2 \end{aligned}$$



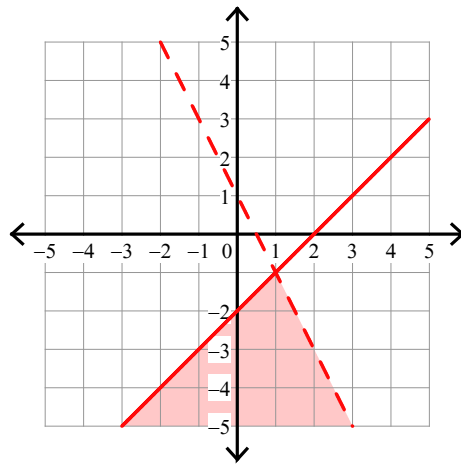
$$5) y \leq -x - 2$$

$$y \leq \frac{1}{3}x + 2$$



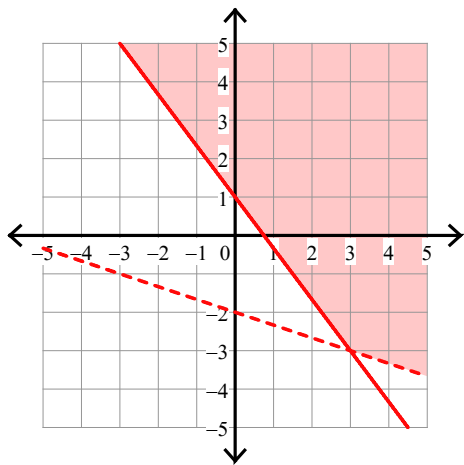
$$6) y \leq x - 2$$

$$y < -2x + 1$$



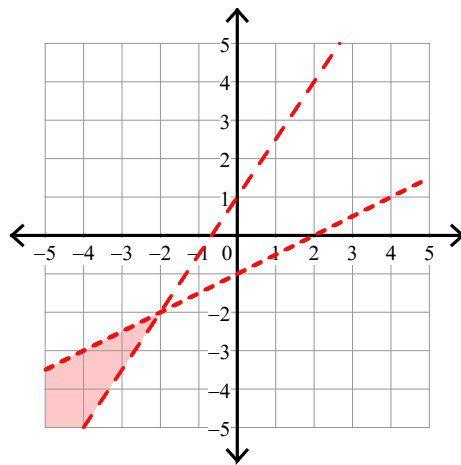
$$7) y \geq -\frac{4}{3}x + 1$$

$$y > -\frac{1}{3}x - 2$$



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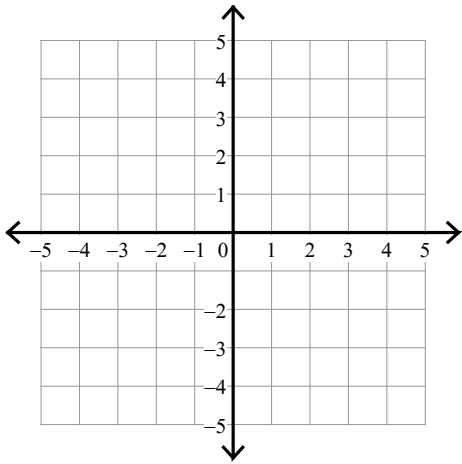
$$y < \frac{1}{2}x - 1$$



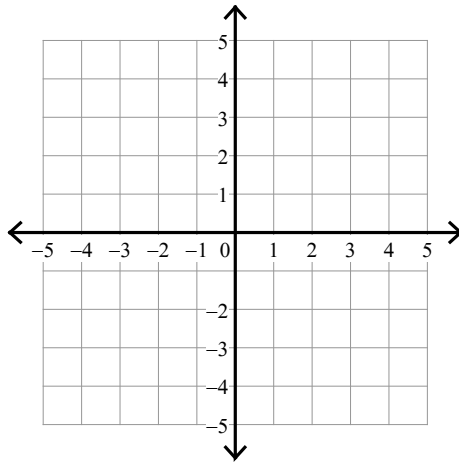
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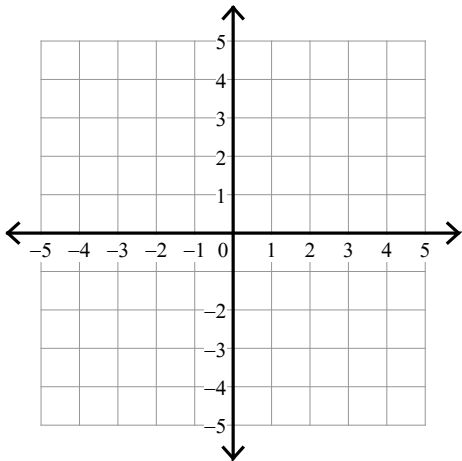
1) $y > -2x + 1$
 $y > 2x - 3$



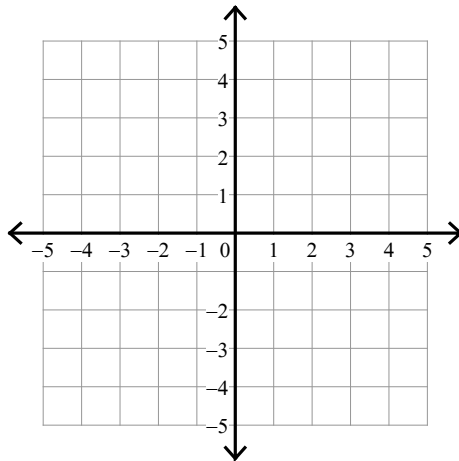
2) $y > -x + 2$
 $y \geq 4x - 3$



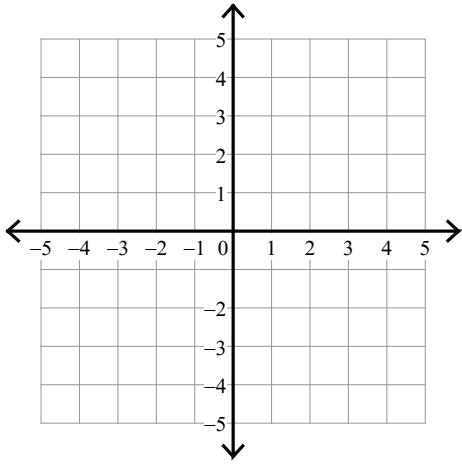
3) $x > -1$
 $y \leq -x - 3$



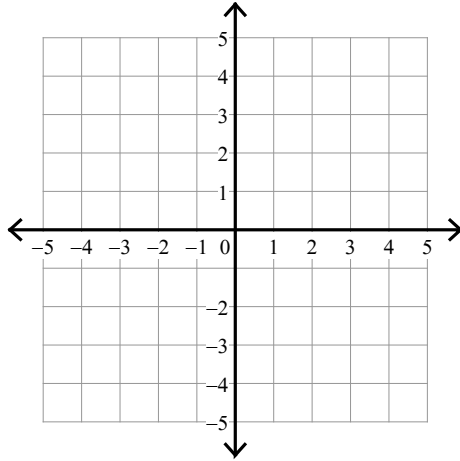
4) $y \leq -2$
 $y < -x - 3$



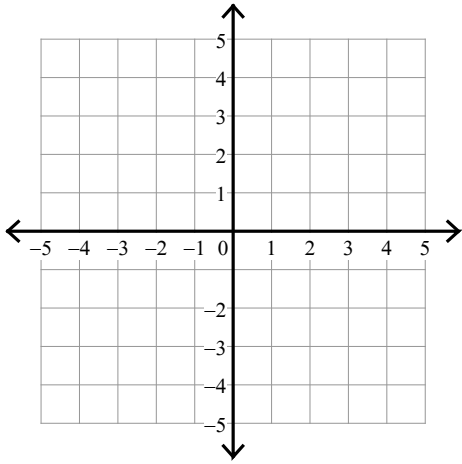
5) $y < 3x - 1$
 $y \leq -x + 3$



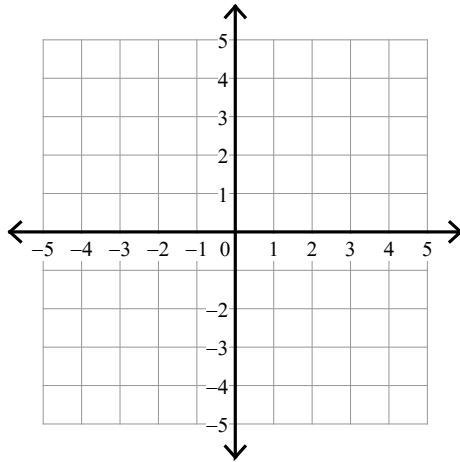
6) $y \leq -2x - 1$
 $y > -\frac{1}{2}x + 2$



7) $y \geq x + 1$
 $y > x - 1$



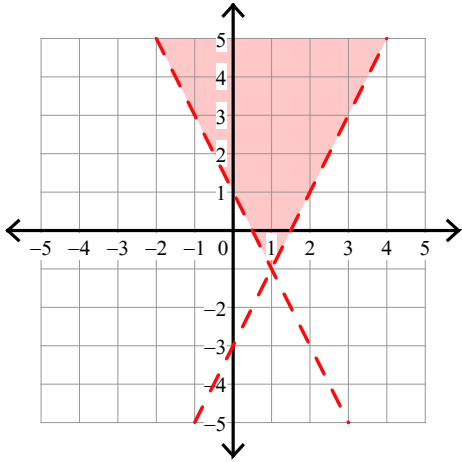
8) $y \geq \frac{1}{2}x - 2$
 $y > 3x + 3$



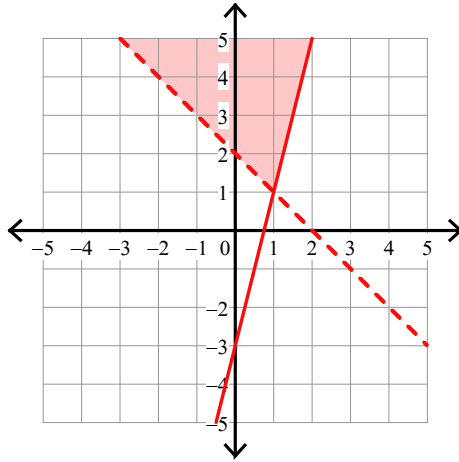
Assignment

Sketch the solution to each system of inequalities.

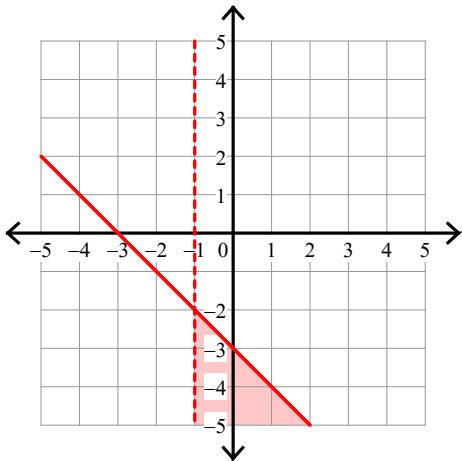
1) $y > -2x + 1$
 $y > 2x - 3$



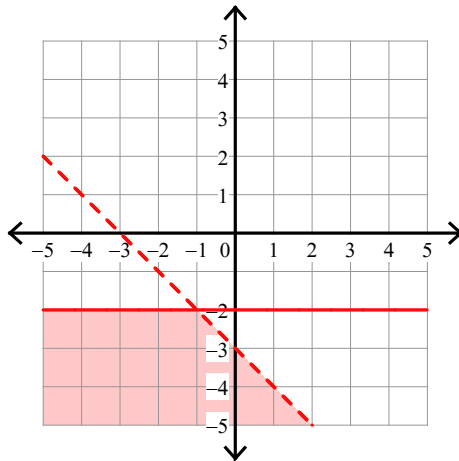
2) $y > -x + 2$
 $y \geq 4x - 3$



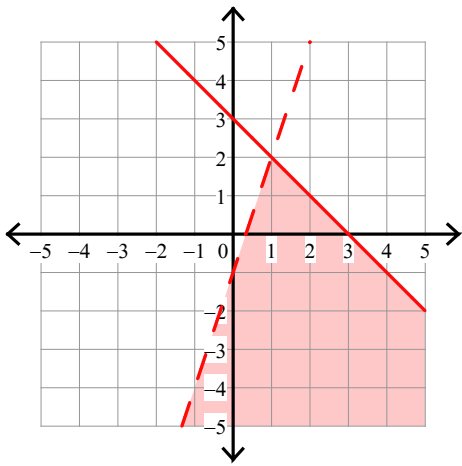
3) $x > -1$
 $y \leq -x - 3$



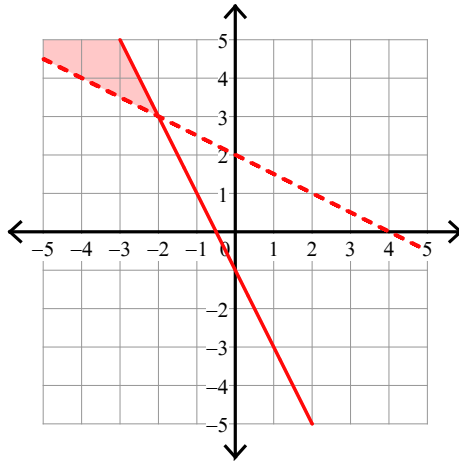
4) $y \leq -2$
 $y < -x - 3$



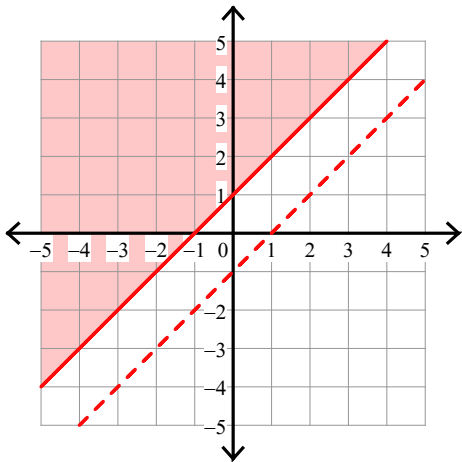
5) $y < 3x - 1$
 $y \leq -x + 3$



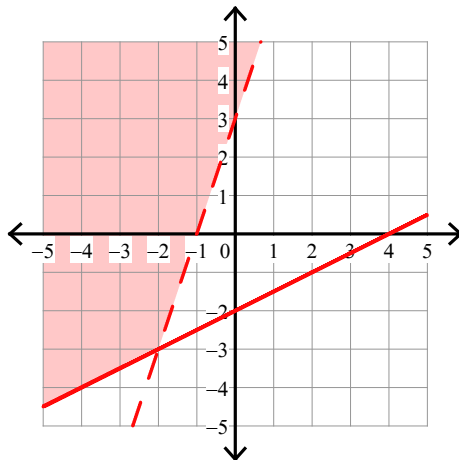
6) $y \leq -2x - 1$
 $y > -\frac{1}{2}x + 2$



7) $y \geq x + 1$
 $y > x - 1$



8) $y \geq \frac{1}{2}x - 2$
 $y > 3x + 3$



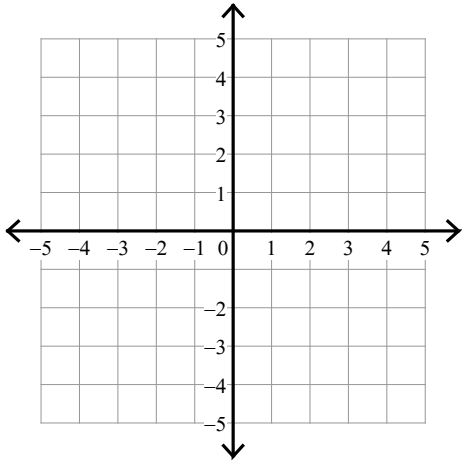
Assignment

Name _____

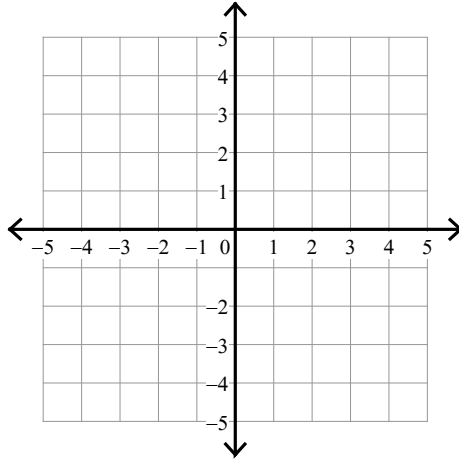
Date _____ Period _____

Sketch the solution to each system of inequalities.

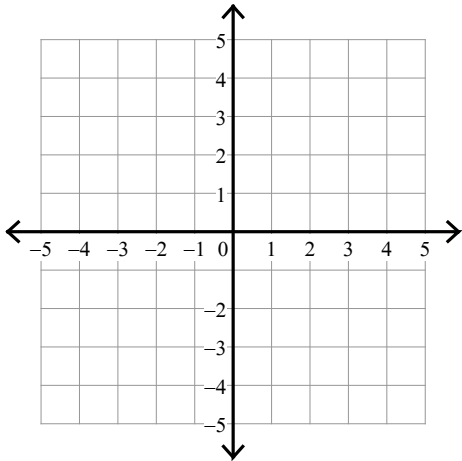
$$1) \begin{aligned} y &\geq -2x - 1 \\ y &\geq 2x + 3 \end{aligned}$$



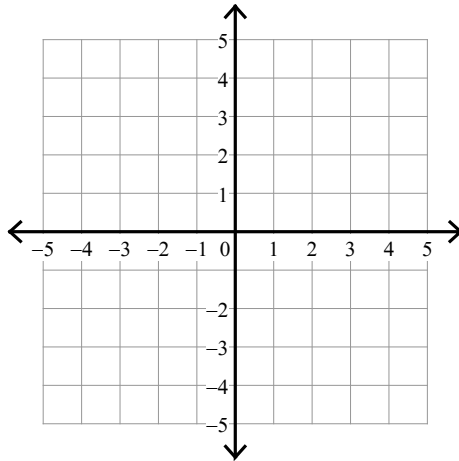
$$2) \begin{aligned} y &< -\frac{1}{2}x - 3 \\ y &< 2x + 2 \end{aligned}$$



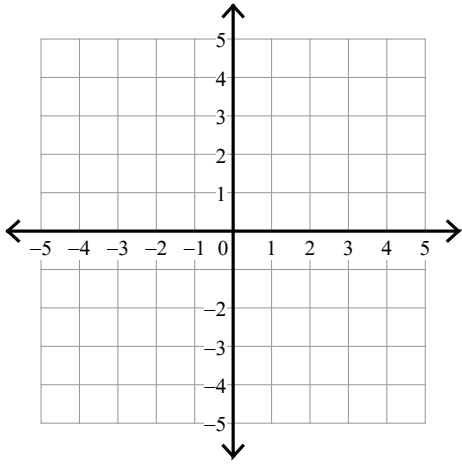
$$3) \begin{aligned} y &> -\frac{2}{3}x + 1 \\ y &\geq -\frac{2}{3}x - 2 \end{aligned}$$



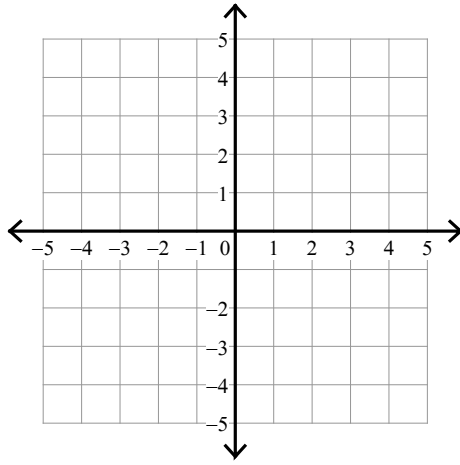
$$4) \begin{aligned} y &\geq -\frac{1}{3}x + 2 \\ y &< -\frac{5}{3}x - 2 \end{aligned}$$



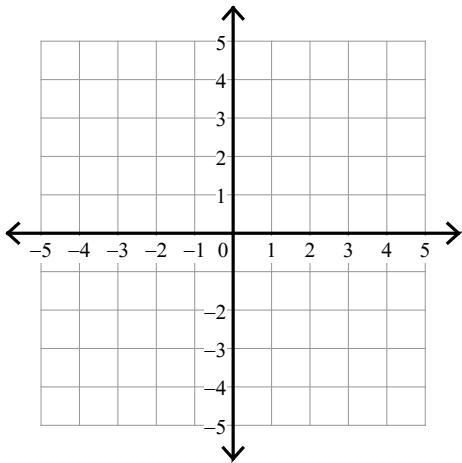
5) $y > -x - 2$
 $y \geq -4x + 1$



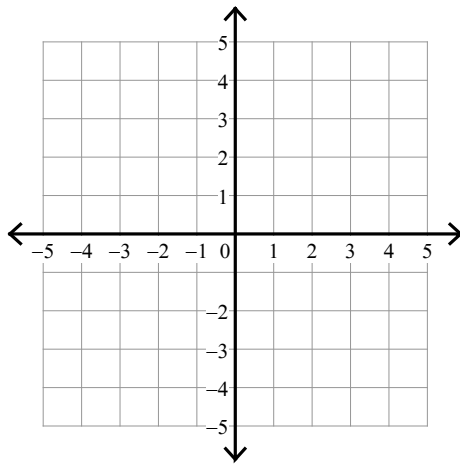
6) $y \leq 2$
 $y \geq 3x - 1$



7) $y < 5x + 3$
 $y > x - 1$



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



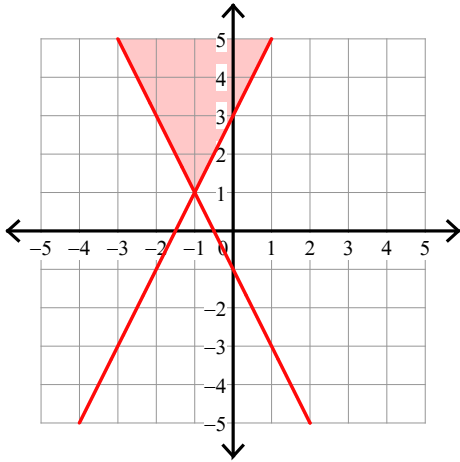
Assignment

Name _____

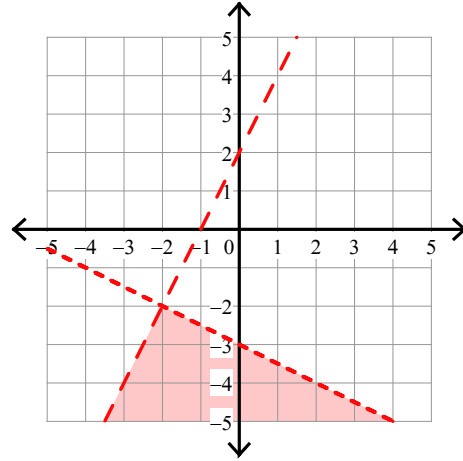
Date _____ Period _____

Sketch the solution to each system of inequalities.

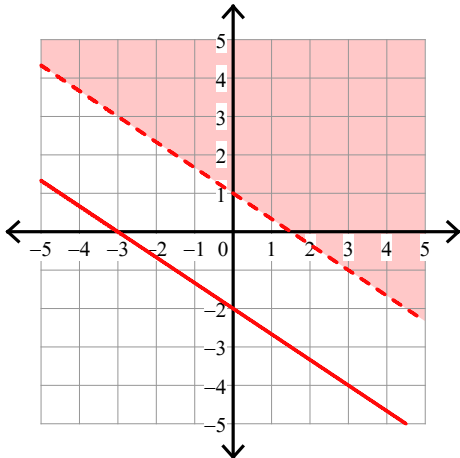
$$1) \begin{aligned} y &\geq -2x - 1 \\ y &\geq 2x + 3 \end{aligned}$$



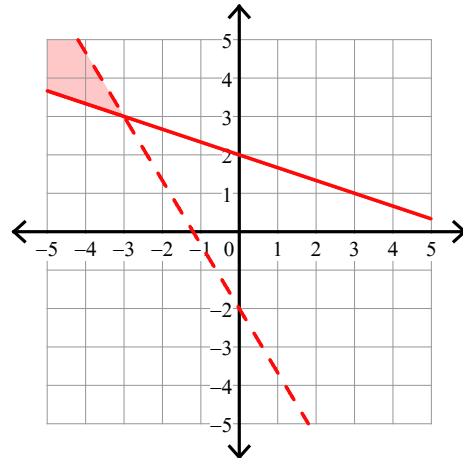
$$2) \begin{aligned} y &< -\frac{1}{2}x - 3 \\ y &< 2x + 2 \end{aligned}$$



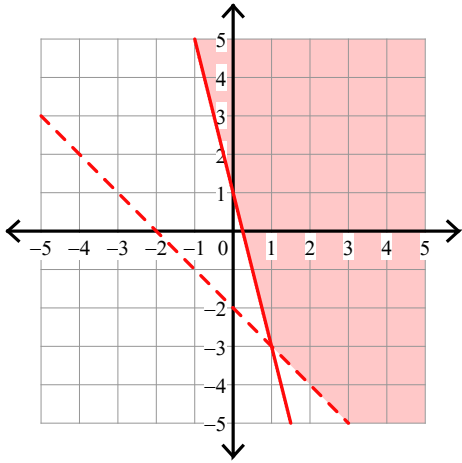
$$3) \begin{aligned} y &> -\frac{2}{3}x + 1 \\ y &\geq -\frac{2}{3}x - 2 \end{aligned}$$



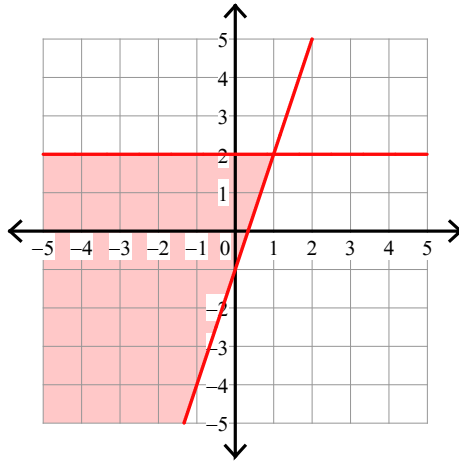
$$4) \begin{aligned} y &\geq -\frac{1}{3}x + 2 \\ y &< -\frac{5}{3}x - 2 \end{aligned}$$



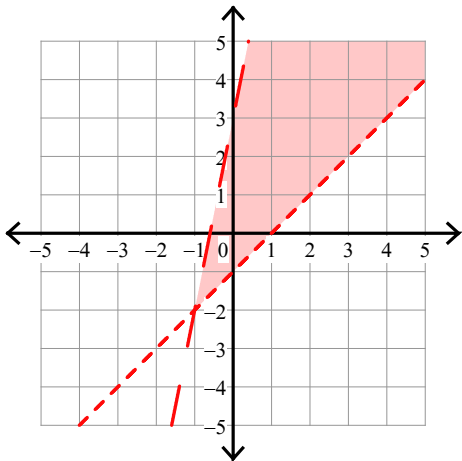
5) $y > -x - 2$
 $y \geq -4x + 1$



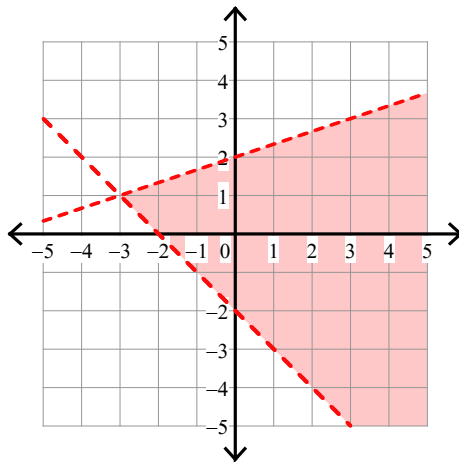
6) $y \leq 2$
 $y \geq 3x - 1$



7) $y < 5x + 3$
 $y > x - 1$



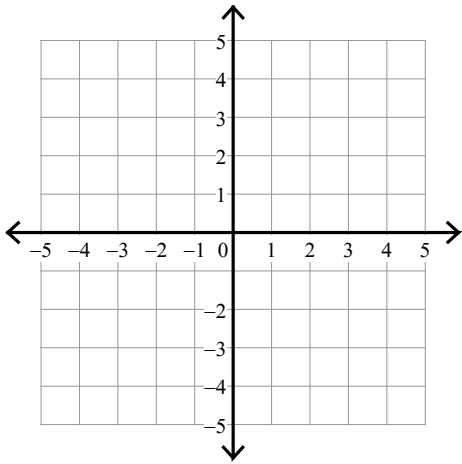
8) $y > -x - 2$
 $y < \frac{1}{3}x + 2$



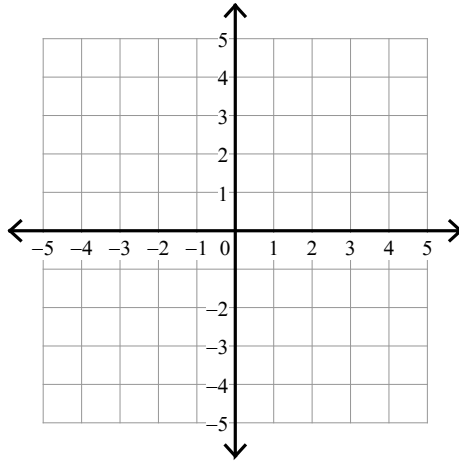
Assignment

Sketch the solution to each system of inequalities.

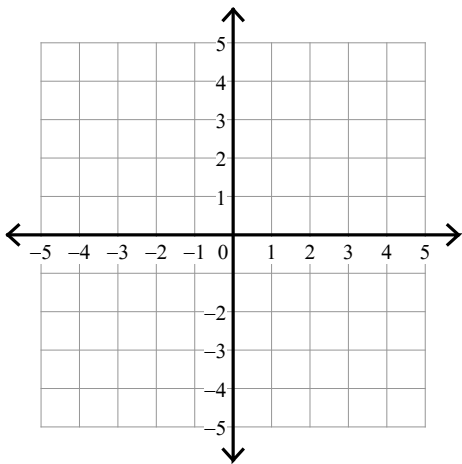
1) $y > x - 1$
 $y \leq 5x + 3$



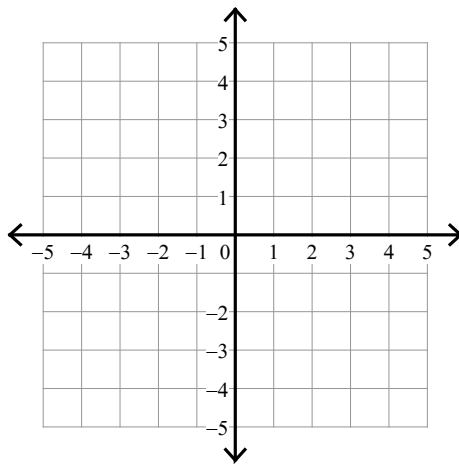
2) $y \leq -\frac{1}{3}x + 1$
 $y < -\frac{5}{3}x - 3$



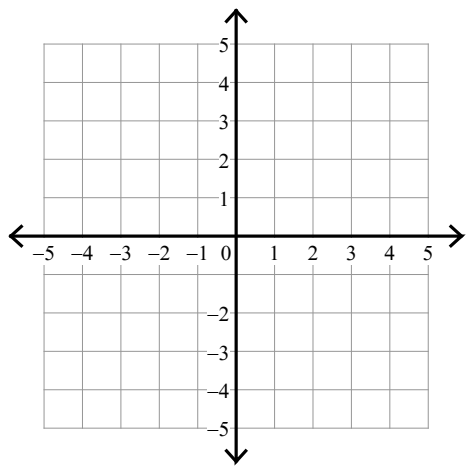
3) $y < -2x + 3$
 $y \leq -\frac{2}{3}x - 1$



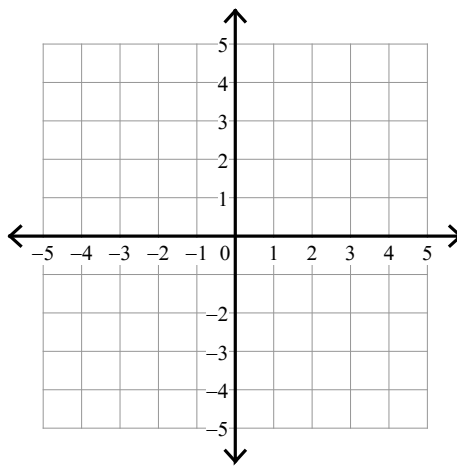
4) $y \geq \frac{1}{3}x + 2$
 $y > 2x - 3$



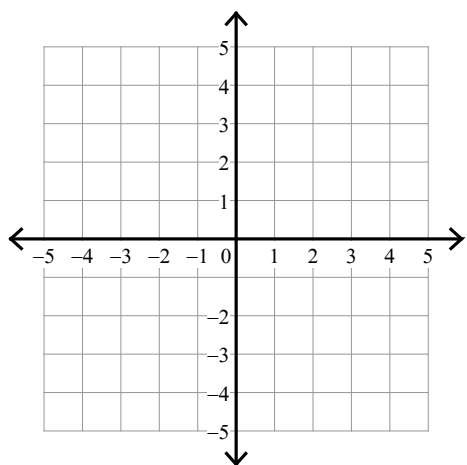
$$5) \begin{aligned} y &\geq x - 2 \\ y &\geq x + 1 \end{aligned}$$



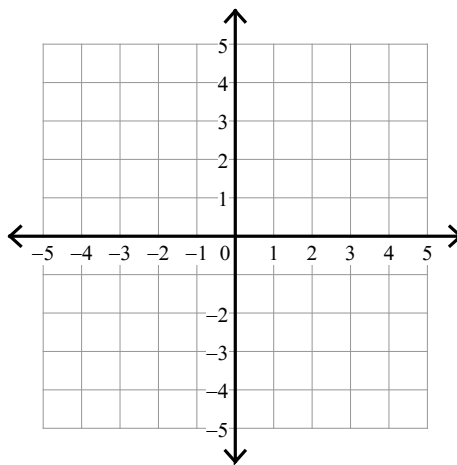
$$6) \begin{aligned} y &< 2x - 1 \\ y &> 2x + 1 \end{aligned}$$



$$7) \begin{aligned} y &< \frac{4}{3}x + 1 \\ y &\geq \frac{4}{3}x - 2 \end{aligned}$$



$$8) \begin{aligned} y &\leq -\frac{2}{3}x + 1 \\ y &> -2x - 3 \end{aligned}$$

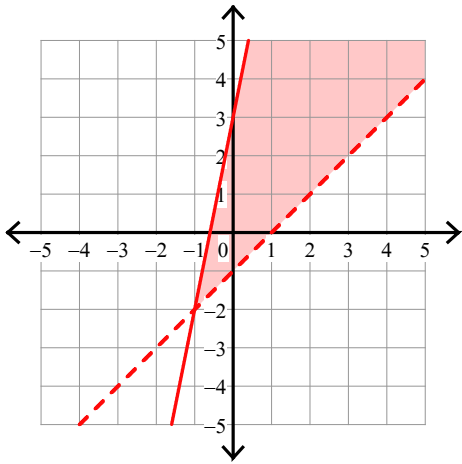


Assignment

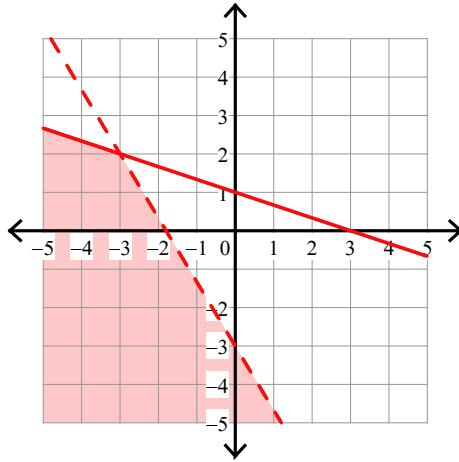
Date _____ Period _____

Sketch the solution to each system of inequalities.

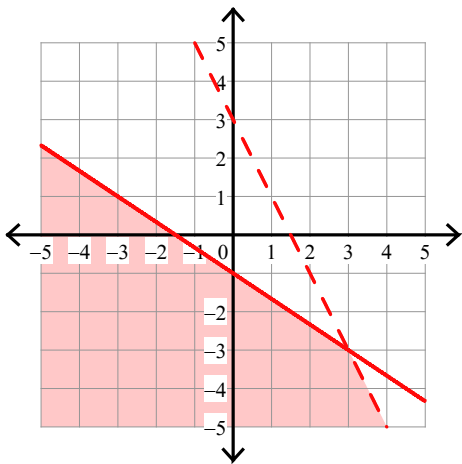
$$1) \begin{aligned} y &> x - 1 \\ y &\leq 5x + 3 \end{aligned}$$



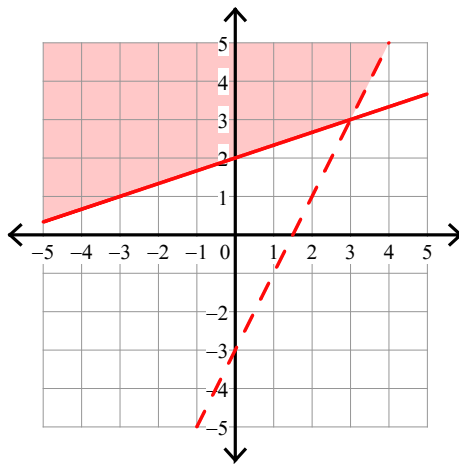
$$2) \begin{aligned} y &\leq -\frac{1}{3}x + 1 \\ y &< -\frac{5}{3}x - 3 \end{aligned}$$



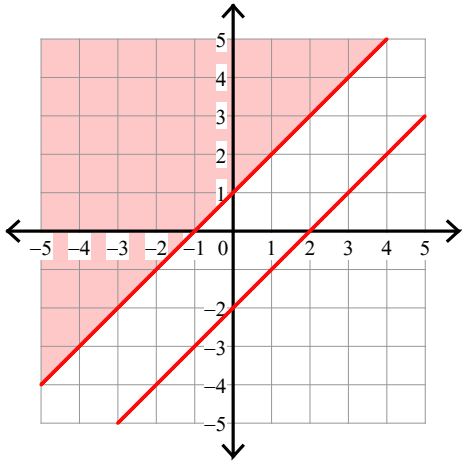
$$3) \begin{aligned} y &< -2x + 3 \\ y &\leq -\frac{2}{3}x - 1 \end{aligned}$$



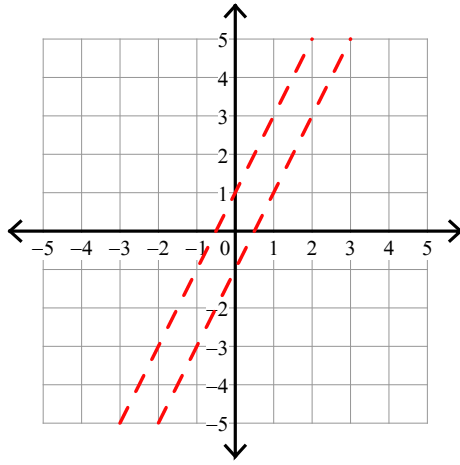
$$4) \begin{aligned} y &\geq \frac{1}{3}x + 2 \\ y &> 2x - 3 \end{aligned}$$



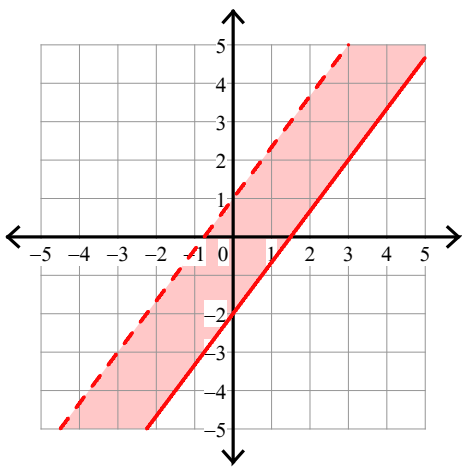
5) $y \geq x - 2$
 $y \geq x + 1$



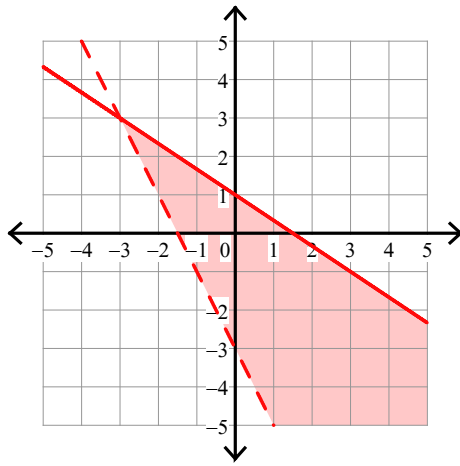
6) $y < 2x - 1$
 $y > 2x + 1$



7) $y < \frac{4}{3}x + 1$
 $y \geq \frac{4}{3}x - 2$



8) $y \leq -\frac{2}{3}x + 1$
 $y > -2x - 3$



Assignment

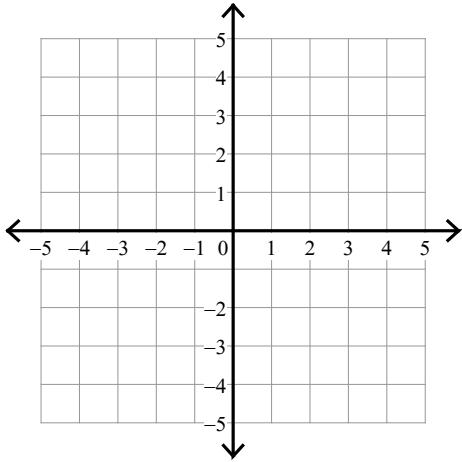
Name _____

Date _____ Period _____

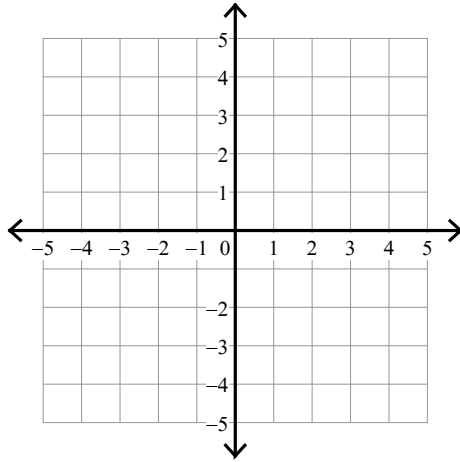
Sketch the solution to each system of inequalities.

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

$y > \frac{1}{2}x - 1$

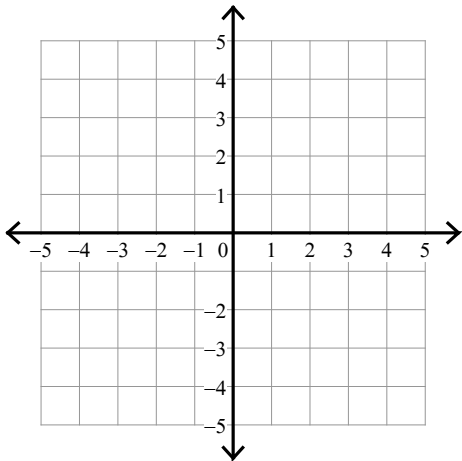


2) $y \geq x - 2$
 $y \geq 6x + 3$

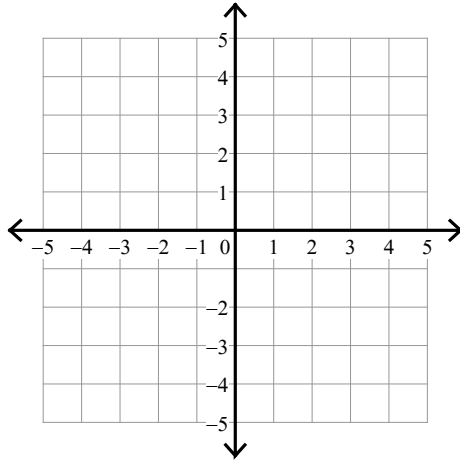


3) $y \geq \frac{1}{3}x + 2$

$y \leq 2x - 3$

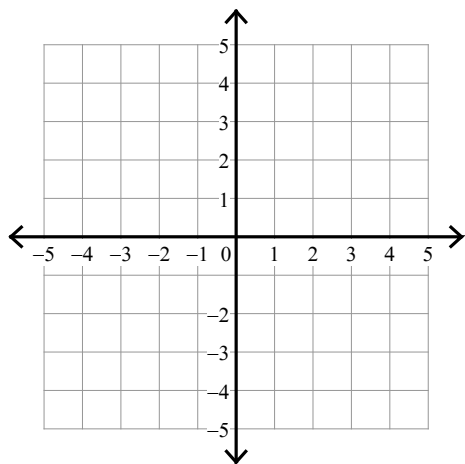


4) $y < x + 2$
 $y > 6x - 3$



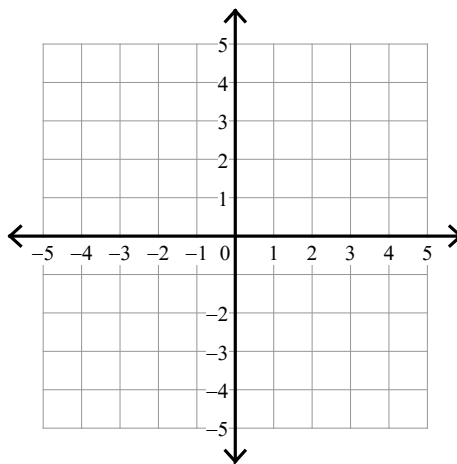
$$5) y > \frac{2}{3}x - 3$$

$$y \geq -x + 2$$



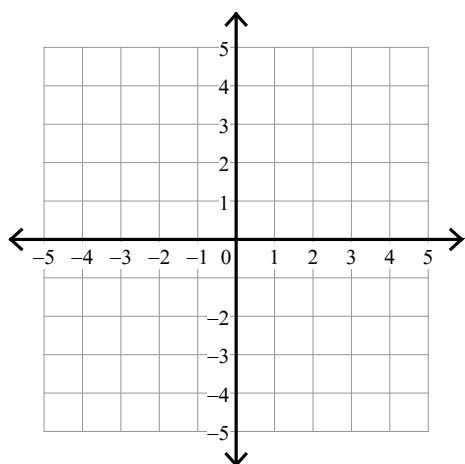
$$6) y \geq 2x + 2$$

$$y \leq 2x - 1$$



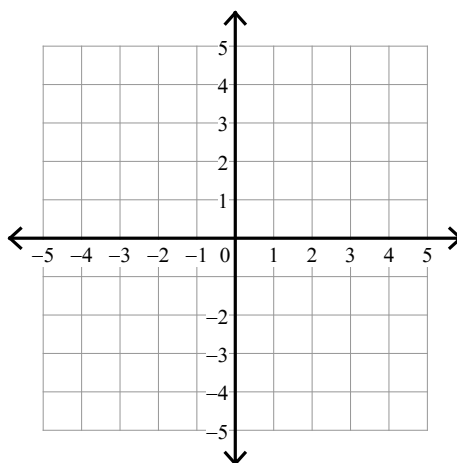
$$7) y \leq -\frac{5}{2}x - 2$$

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



$$8) y > 4x - 3$$

$$y > -2x + 3$$



Assignment

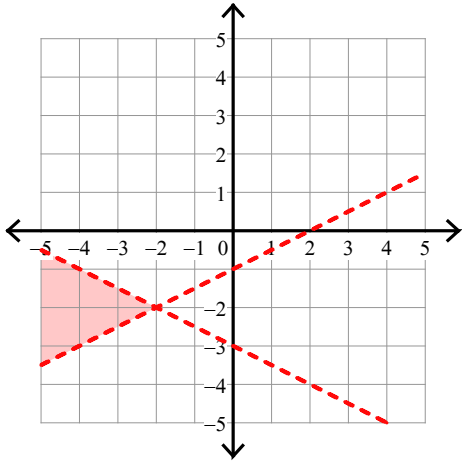
Name _____

Date _____ Period _____

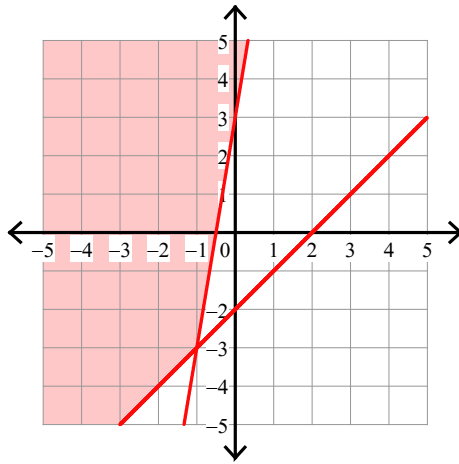
Sketch the solution to each system of inequalities.

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

$y > \frac{1}{2}x - 1$

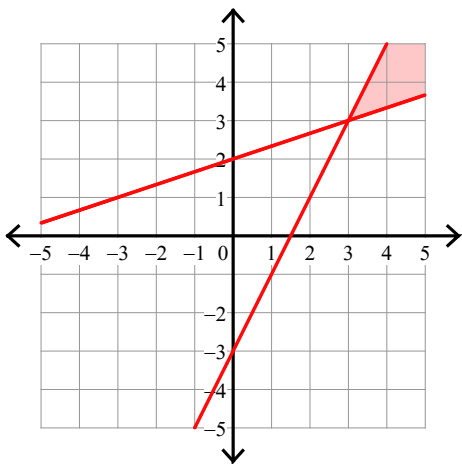


2) $y \geq x - 2$
 $y \geq 6x + 3$

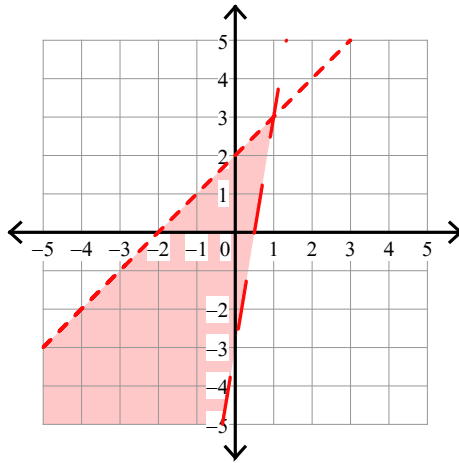


3) $y \geq \frac{1}{3}x + 2$

$y \leq 2x - 3$

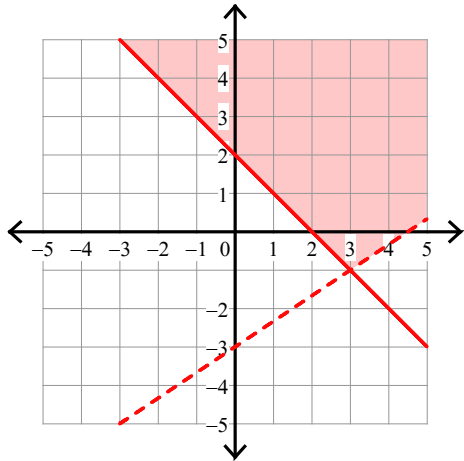


4) $y < x + 2$
 $y > 6x - 3$



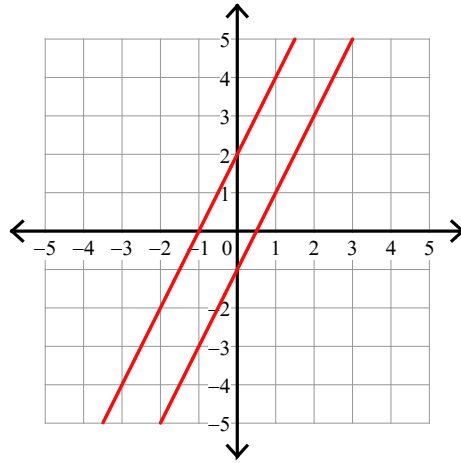
$$5) y > \frac{2}{3}x - 3$$

$$y \geq -x + 2$$



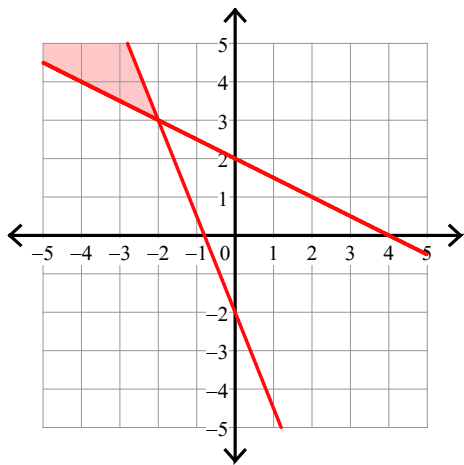
$$6) y \geq 2x + 2$$

$$y \leq 2x - 1$$



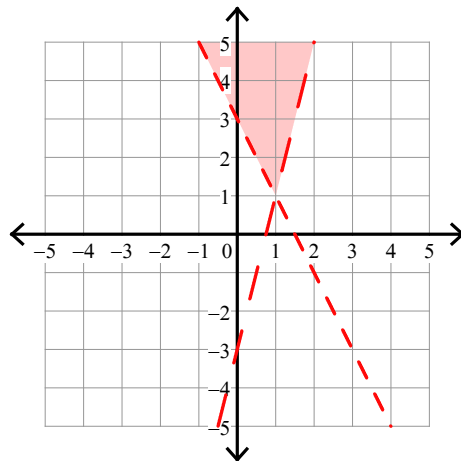
$$7) y \leq -\frac{5}{2}x - 2$$

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



$$8) y > 4x - 3$$

$$y > -2x + 3$$

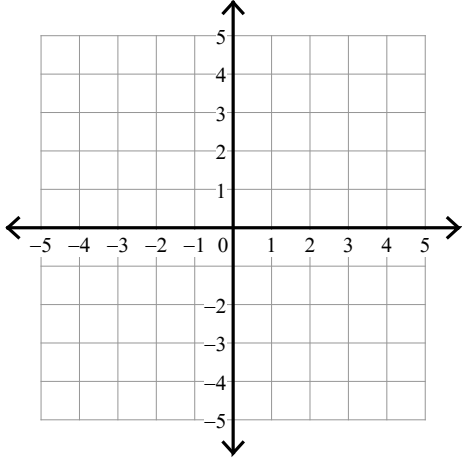


Assignment

Sketch the solution to each system of inequalities.

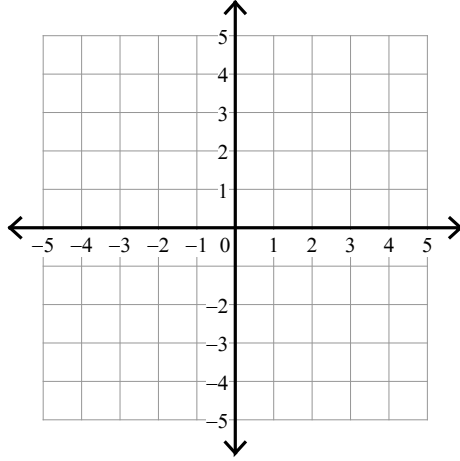
$$1) y \leq \frac{2}{3}x + 1$$

$$y > -\frac{1}{3}x - 2$$



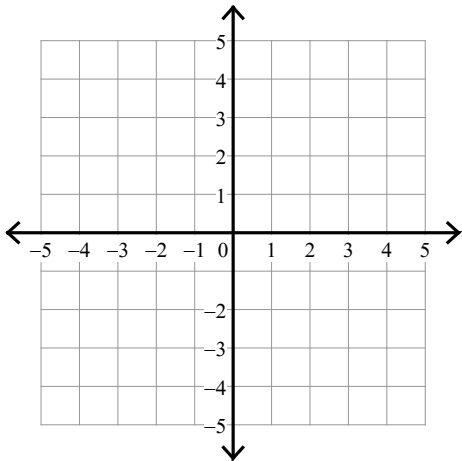
$$2) y < -\frac{1}{3}x + 2$$

$$y \leq -\frac{4}{3}x - 1$$



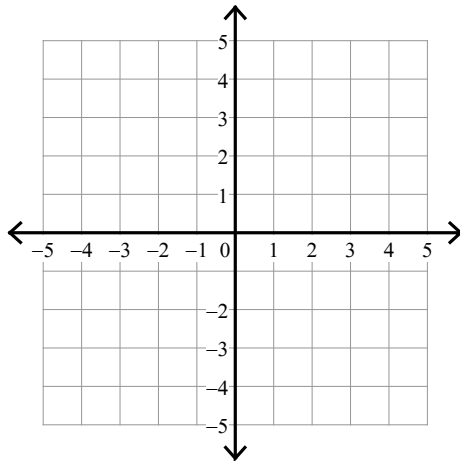
$$3) y \geq -\frac{2}{3}x + 1$$

$$y \leq \frac{1}{3}x - 2$$

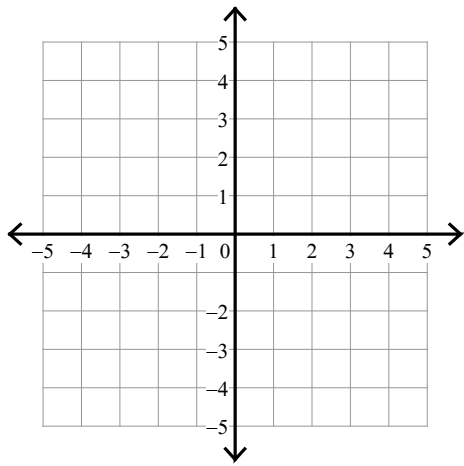


$$4) y < -\frac{2}{3}x - 3$$

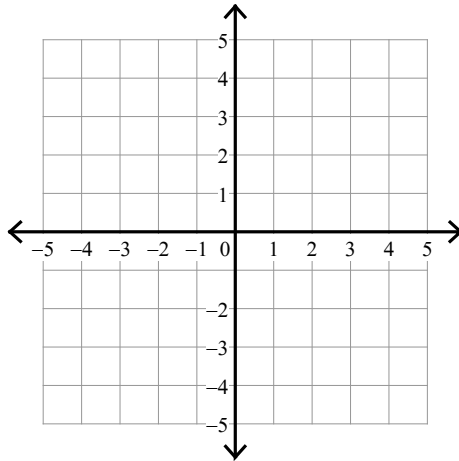
$$y > \frac{2}{3}x + 1$$



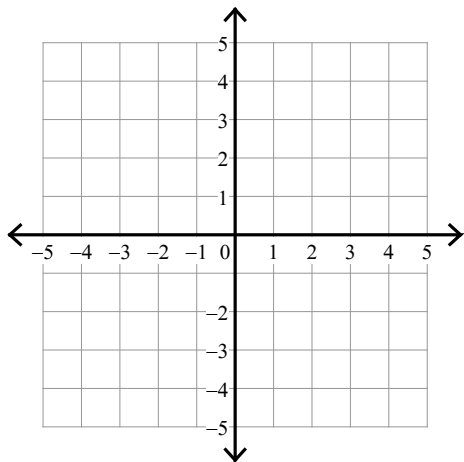
$$5) \begin{aligned} y &< -x + 3 \\ x &\leq 1 \end{aligned}$$



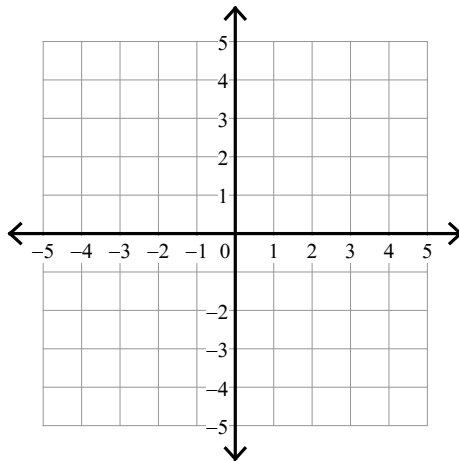
$$6) \begin{aligned} y &< -\frac{5}{3}x + 2 \\ y &\geq -3 \end{aligned}$$



$$7) \begin{aligned} y &< -\frac{4}{3}x - 2 \\ y &> \frac{1}{3}x + 3 \end{aligned}$$



$$8) \begin{aligned} y &> -3x + 3 \\ y &\geq -3x - 1 \end{aligned}$$



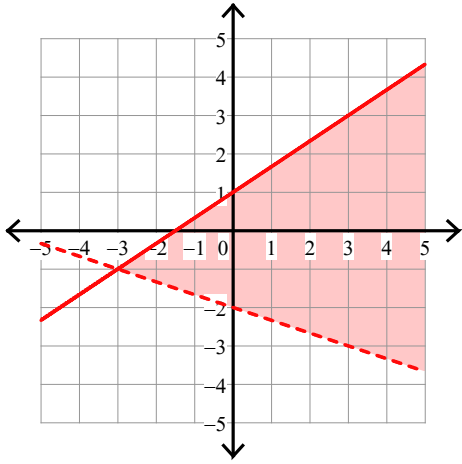
Assignment

Date _____ Period _____

Sketch the solution to each system of inequalities.

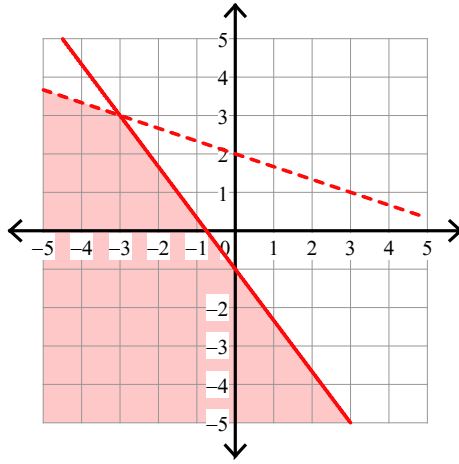
1) $y \leq \frac{2}{3}x + 1$

$y > -\frac{1}{3}x - 2$



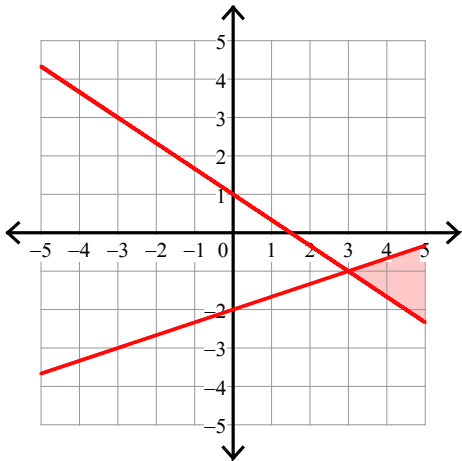
2) $y < -\frac{1}{3}x + 2$

$y \leq -\frac{4}{3}x - 1$



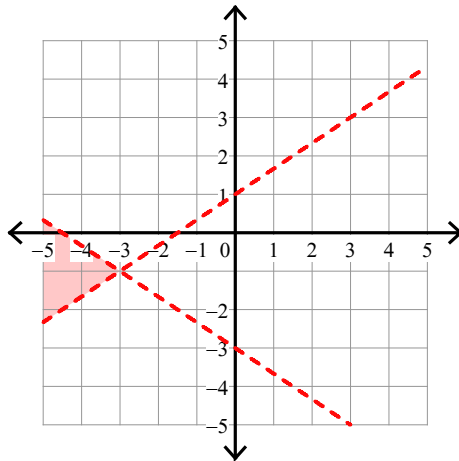
3) $y \geq -\frac{2}{3}x + 1$

$y \leq \frac{1}{3}x - 2$

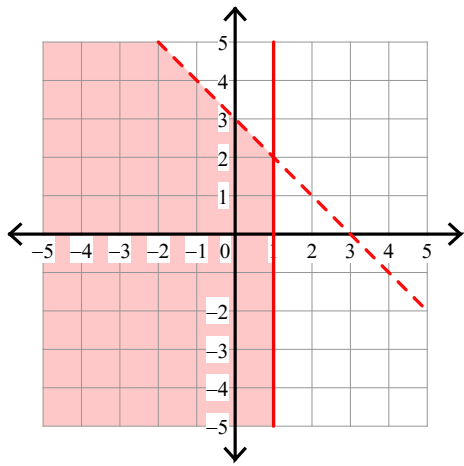


4) $y < -\frac{2}{3}x - 3$

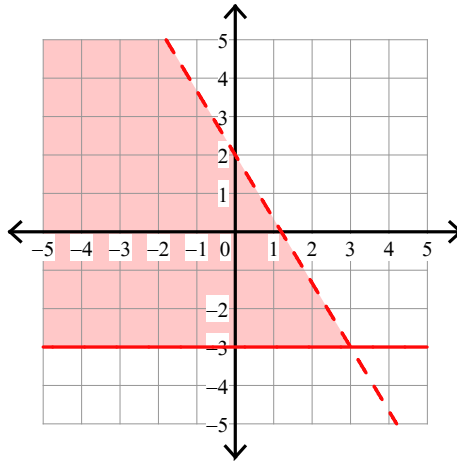
$y > \frac{2}{3}x + 1$



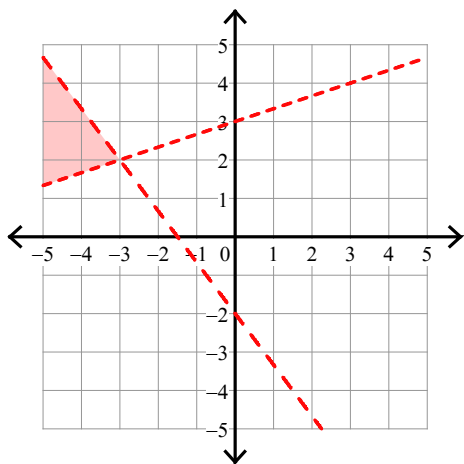
$$5) \begin{cases} y < -x + 3 \\ x \leq 1 \end{cases}$$



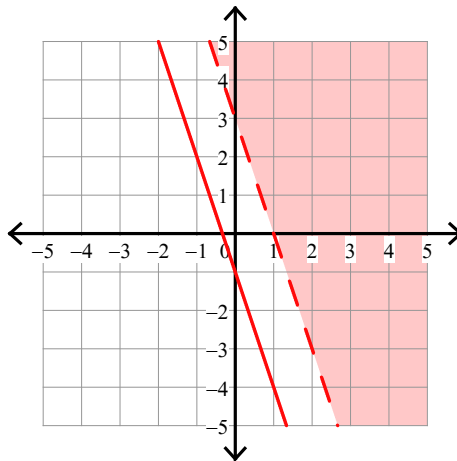
$$6) \begin{cases} y < -\frac{5}{3}x + 2 \\ y \geq -3 \end{cases}$$



$$7) \begin{cases} y < -\frac{4}{3}x - 2 \\ y > \frac{1}{3}x + 3 \end{cases}$$



$$8) \begin{cases} y > -3x + 3 \\ y \geq -3x - 1 \end{cases}$$

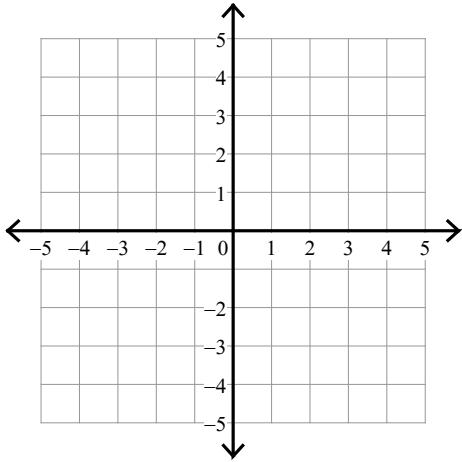


Assignment

Sketch the solution to each system of inequalities.

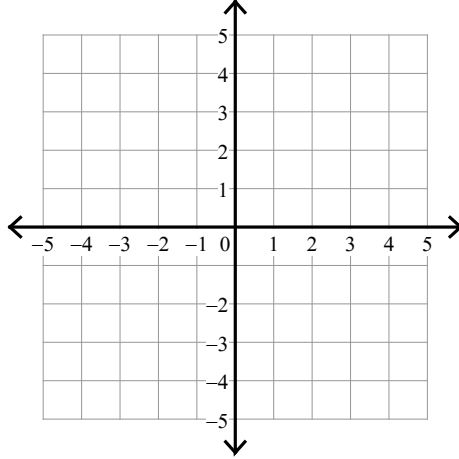
$$1) y < -\frac{4}{3}x + 1$$

$$y > -\frac{1}{3}x - 2$$



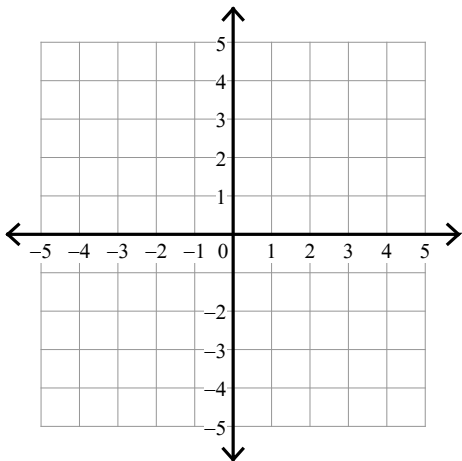
$$2) y \geq -\frac{1}{2}x - 1$$

$$y < -2x + 2$$



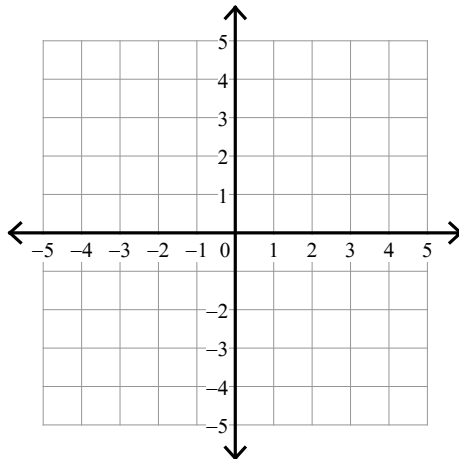
$$3) y > -x + 3$$

$$y > x + 1$$

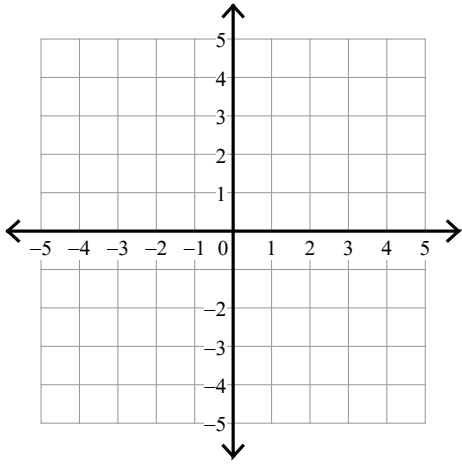


$$4) y \leq -\frac{1}{2}x - 2$$

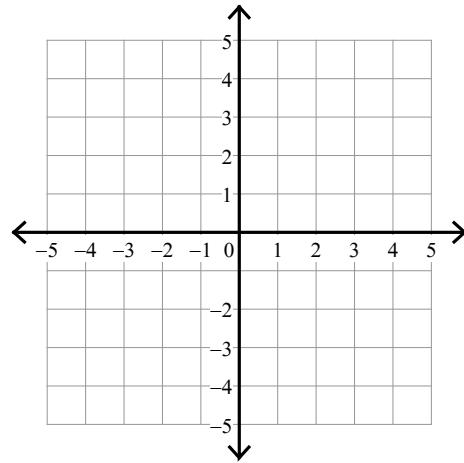
$$y > -2x + 1$$



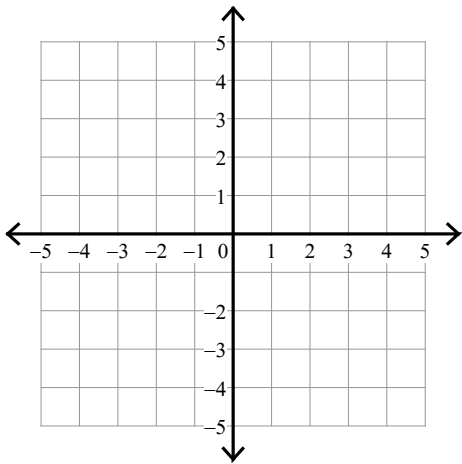
5) $y \leq -4x + 1$
 $y > -x - 2$



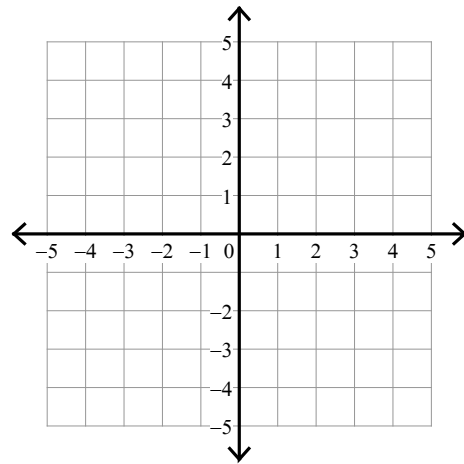
6) $y \geq \frac{5}{3}x + 2$
 $y < \frac{1}{3}x - 2$



7) $y < 3x + 1$
 $y > -x - 3$



8) $y \geq -2x - 1$
 $y > -2x - 2$



Assignment

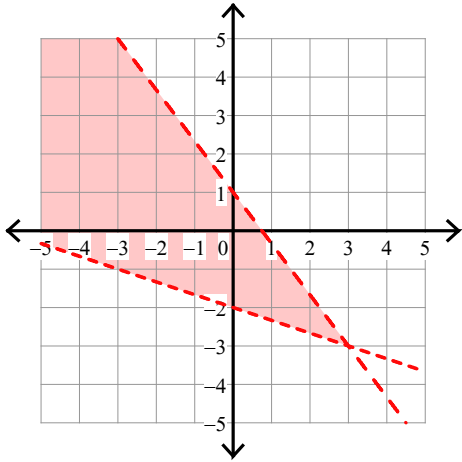
Name _____

Date _____ Period _____

Sketch the solution to each system of inequalities.

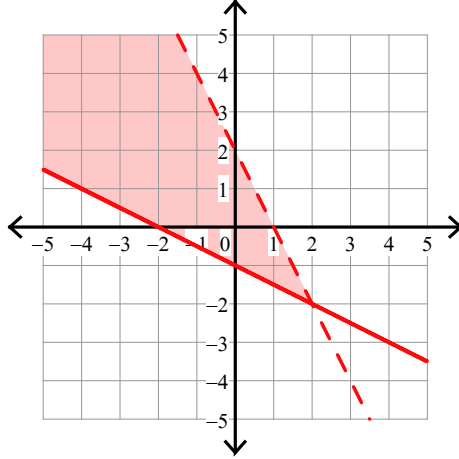
$$1) \ y < -\frac{4}{3}x + 1$$

$$y > -\frac{1}{3}x - 2$$



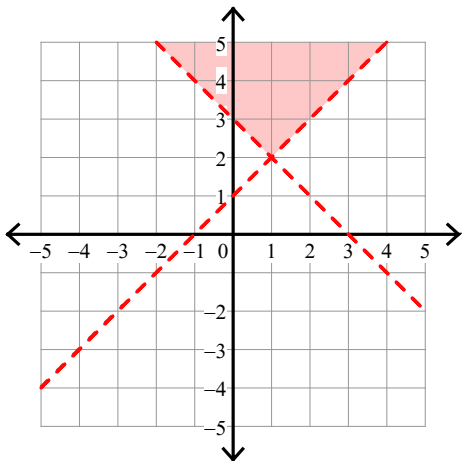
$$2) \ y \geq -\frac{1}{2}x - 1$$

$$y < -2x + 2$$



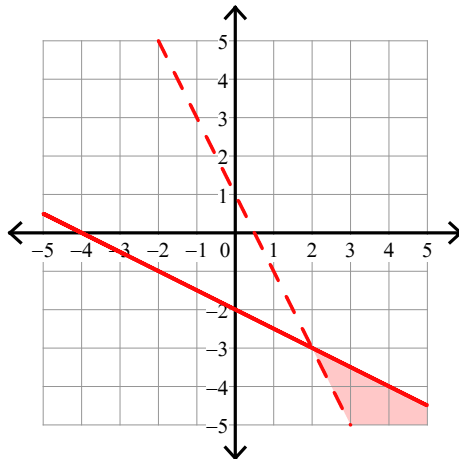
$$3) \ y > -x + 3$$

$$y > x + 1$$

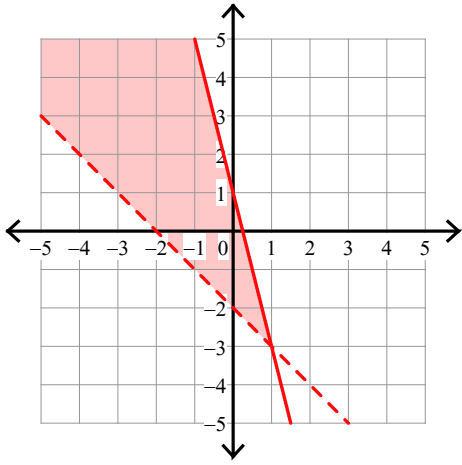


$$4) \ y \leq -\frac{1}{2}x - 2$$

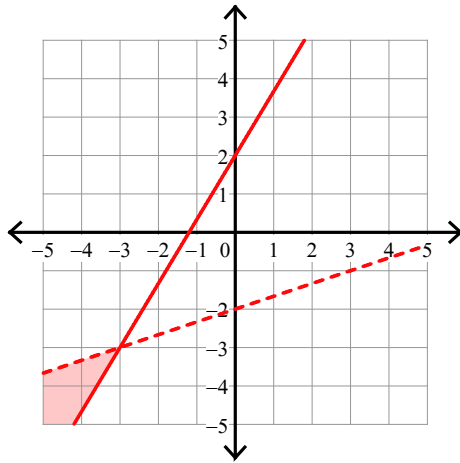
$$y > -2x + 1$$



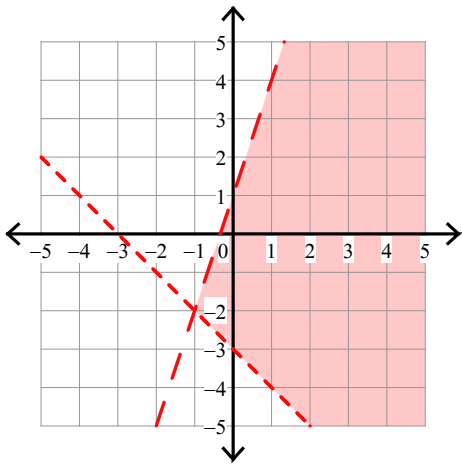
5) $y \leq -4x + 1$
 $y > -x - 2$



6) $y \geq \frac{5}{3}x + 2$
 $y < \frac{1}{3}x - 2$



7) $y < 3x + 1$
 $y > -x - 3$



8) $y \geq -2x - 1$
 $y > -2x - 2$

