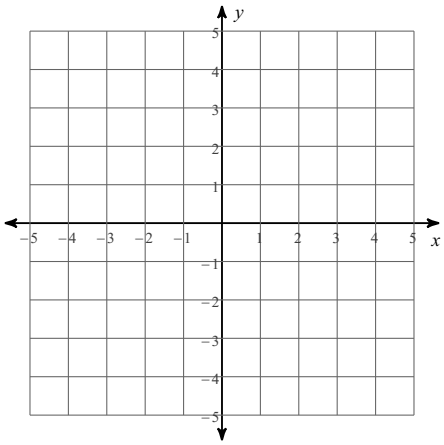
Algebra 1 ECA Remediation Name_____

Homework 21.2

Sketch the solution to each system of inequalities.

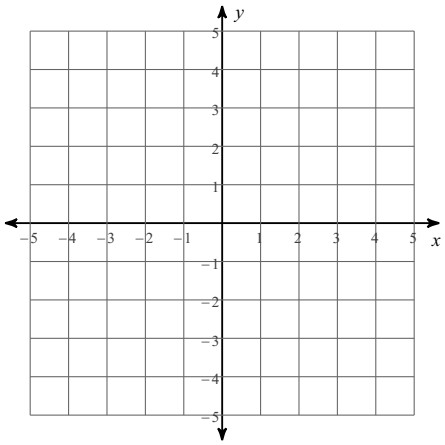
1) $y < \frac{1}{2}x + 3$

$y \geq -\frac{5}{2}x - 3$



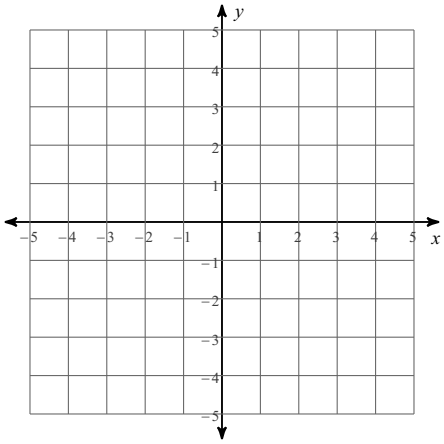
2) $y \leq \frac{5}{2}x + 3$

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



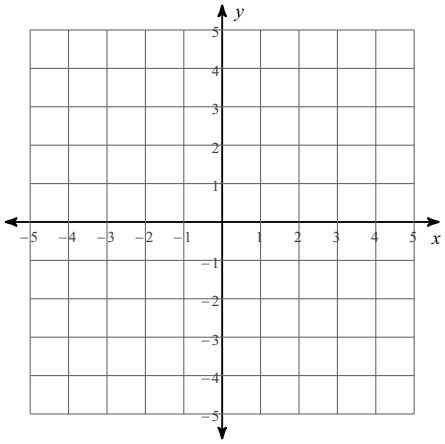
3) $4x - 3y \leq -6$

$x + 3y > -9$



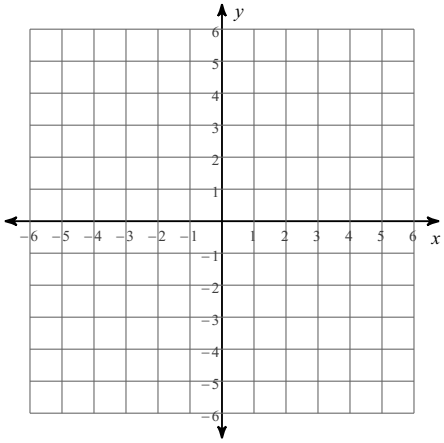
4) $x + y > -3$

$5x - y \leq -3$

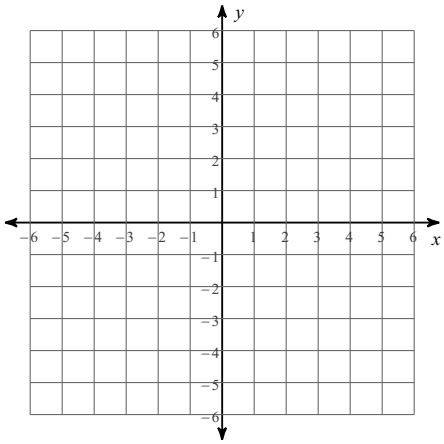


Sketch the graph of each line.

5) $y = -\frac{1}{2}x$

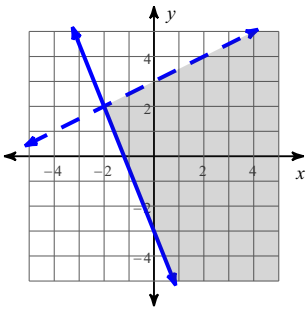


6) $y = -x + 3$



Answers to Homework 21.2

1)



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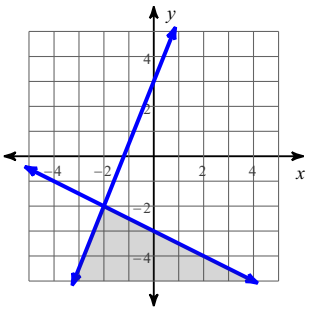
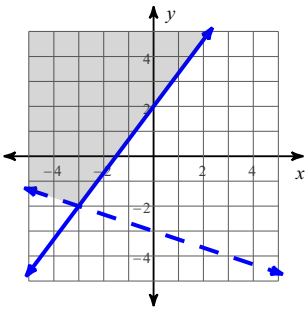
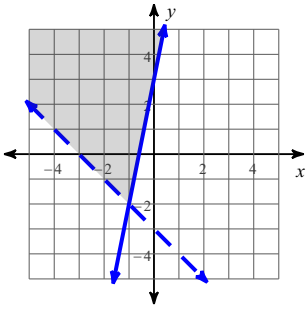


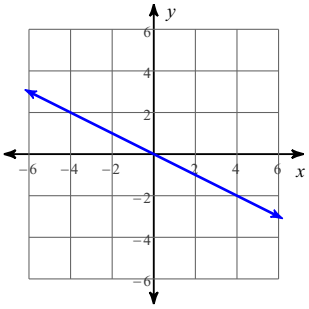
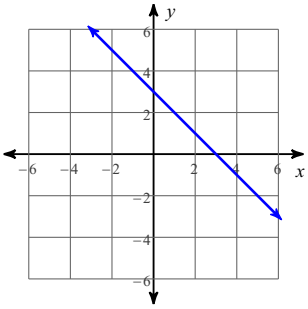
3)



4)



5)



6)