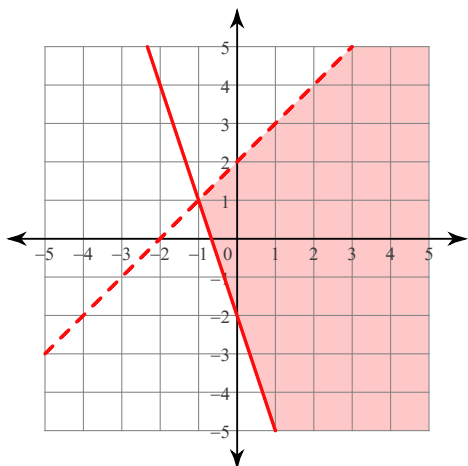


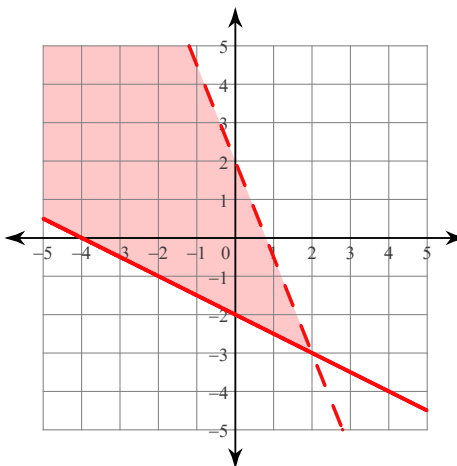
Practice 8 point 5

Sketch the solution to each system of inequalities.

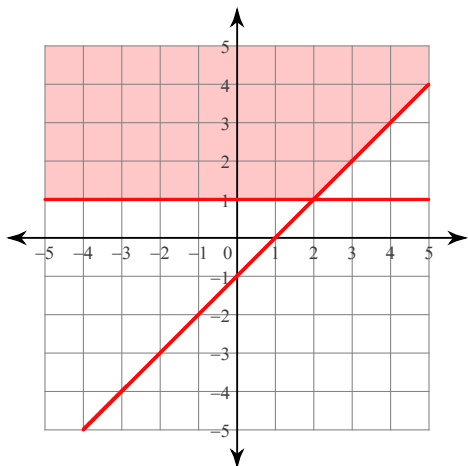
1) $y \geq -3x - 2$
 $y < x + 2$



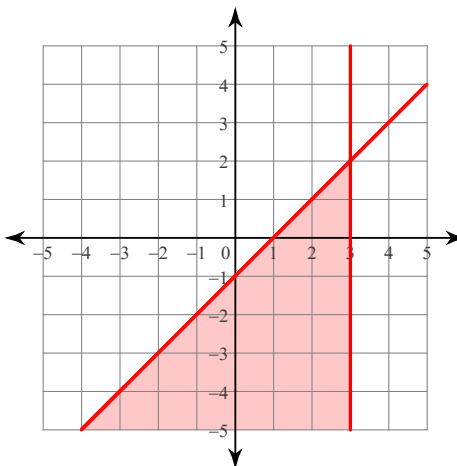
2) $y \geq -\frac{1}{2}x - 2$
 $y < -\frac{5}{2}x + 2$



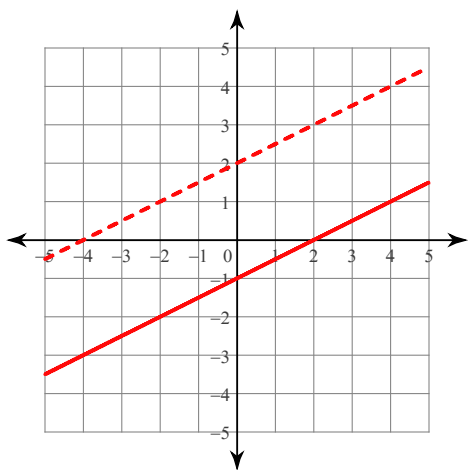
3) $y \geq 1$
 $y \geq x - 1$



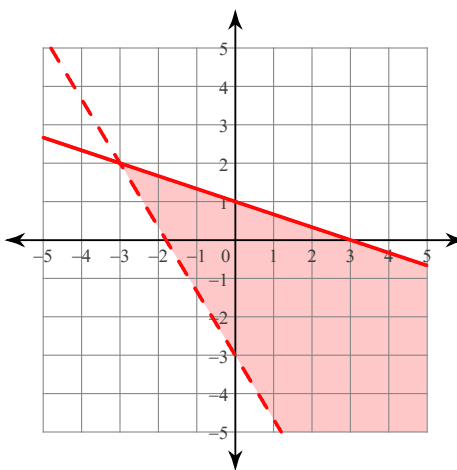
4) $y \leq x - 1$
 $x \leq 3$



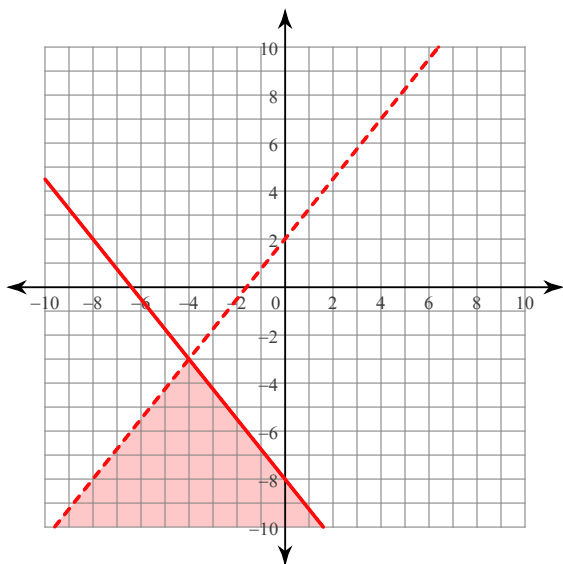
5) $x - 2y \geq 2$
 $x - 2y < -4$



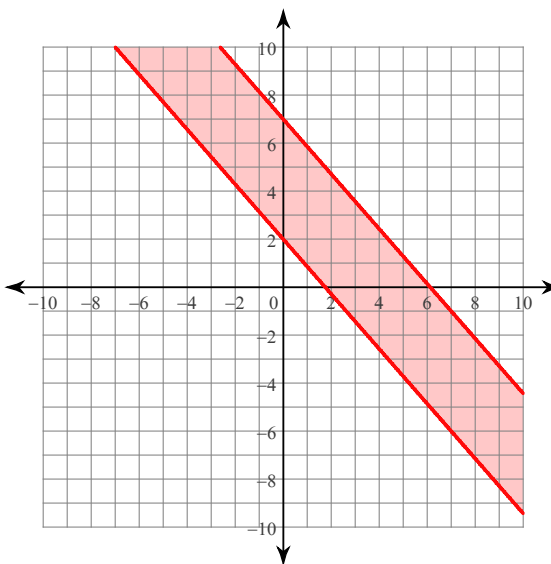
6) $5x + 3y > -9$
 $x + 3y \leq 3$



7) $y \leq -\frac{5}{4}x - 8$
 $y < \frac{5}{4}x + 2$



8) $y \leq -\frac{8}{7}x + 7$
 $y \geq -\frac{8}{7}x + 2$



9) Is (0, 7) a solution to question number 8 above?

Yes