

11/7/12 Warm Up

Graph the following inequalities

① $y < -\frac{1}{3}x + 2$

② $y \geq \frac{5}{4}x - 6$

③ $y > -\frac{2}{3}x - 2$

④ $3x - 2y = 2$

⑤ $-2x + y = 5$

get into
 $y = mx + b$
form first!

Tell whether the ordered pair is a solution to the system.

⑥ $2x - 3y = -5$ $(2, 3)$
 $x + 5y = 17$

Solve by graphing

⑦ $y = 2x - 3$
 $y = x - 1$

⑧ $y = x + 6$
 $y = -4x + 1$