

Math 0020 July 18, 2007 Homework 17

Graph the following systems of inequalities.

$$1) \quad \left\{ \begin{array}{l} y < 2x + 1 \\ y > -2x + 2 \end{array} \right\}$$

$$2) \quad \left\{ \begin{array}{l} y \geq 3x - 4 \\ y \leq -x + 2 \end{array} \right\}$$

$$3) \quad \left\{ \begin{array}{l} y \leq 2x \\ y \geq -3 \\ x \leq 2 \end{array} \right\}$$