

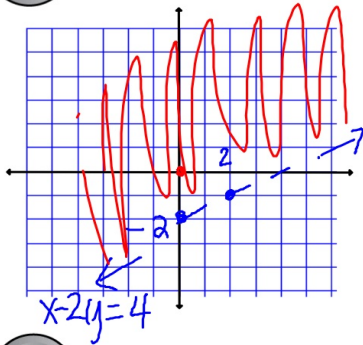
2.6 Graphing Linear Inequalities

1

Graph:

$$0 - 2(2) < 4 \quad T$$

$$x - 2y < 4$$



$$x - 2y = 4$$

$$-2y = -x + 4$$

boundary line

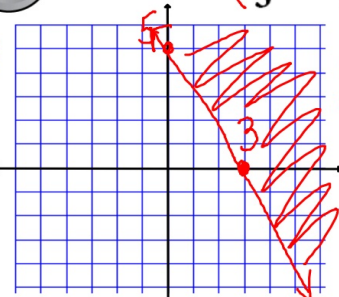
$$y = \frac{1}{2}x - 2$$

2

Graph:

$$15(0 + 0 \geq 1) \quad F$$

$$\frac{1}{3}x + \frac{1}{5}y \geq 1$$



$$5x + 3y = 15$$

$$(3, 0)$$

$$(0, 5)$$

$$5x + 3y = 15$$

3

Graph:

$$|x| > 4$$

$$x < -4 \text{ OR } x > 4$$

$$x = -4 \quad x = 4$$

