

1) Write your equation in slope-intercept form
 2) Dashed or solid line?

3) Shade above or below?
 4) Graph it.

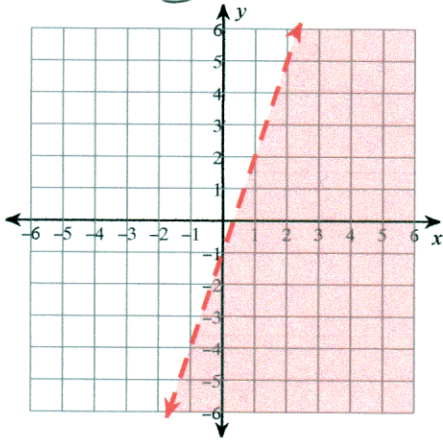
Name Answer Key

Date _____ Period _____

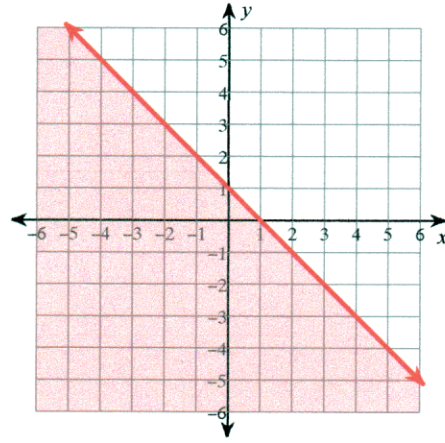
7.1 Graphing Linear Inequalities

Sketch the graph of each linear inequality.

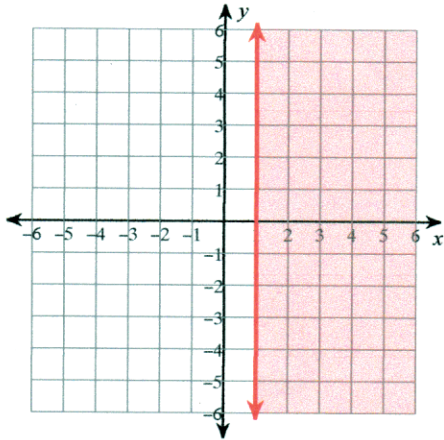
1) $y < 3x - 1$
 slope = rise/run
 y-intercept = starting point



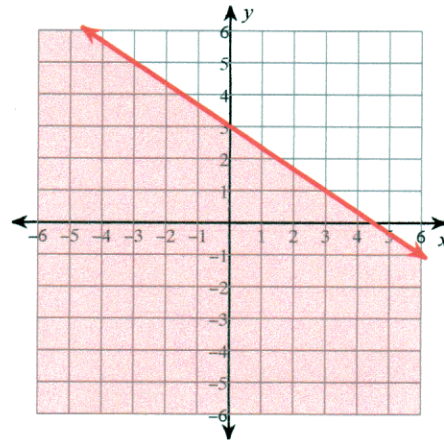
2) $y \leq -x + 1$



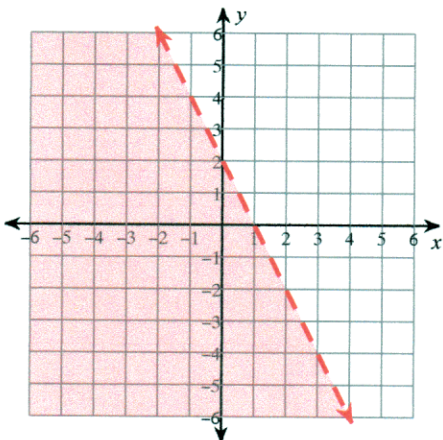
3) $x \geq 1$



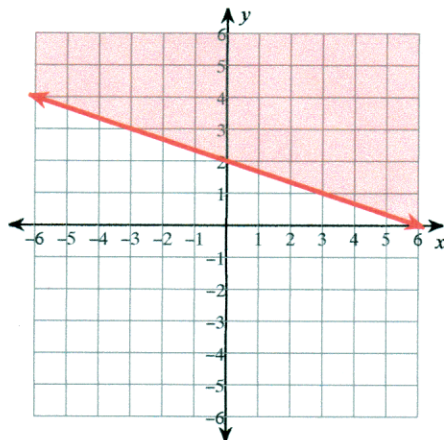
4) $y \leq -\frac{2}{3}x + 3$



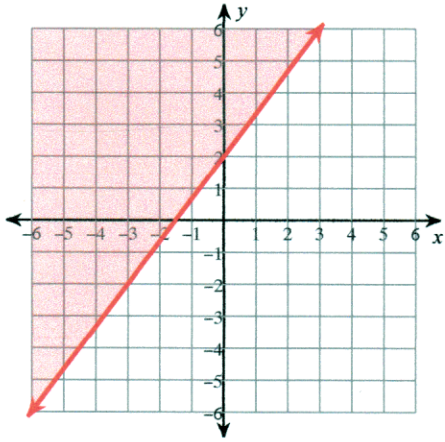
5) $y < -2x + 2$



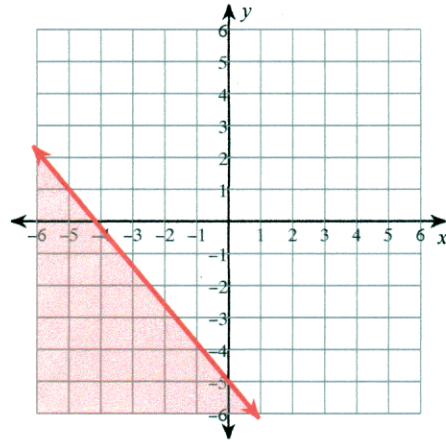
6) $y \geq -\frac{1}{3}x + 2$



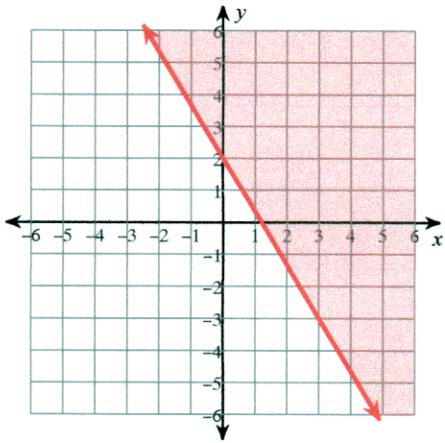
$$7) y \geq \frac{4}{3}x + 2$$



$$8) y \leq -\frac{6}{5}x - 5$$

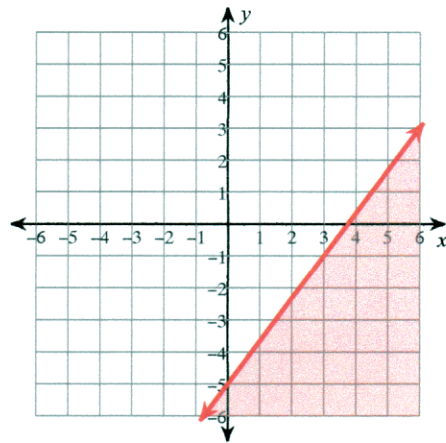


$$9) 5x + 3y \geq 6 \quad y \geq -\frac{5}{3}x + 2$$

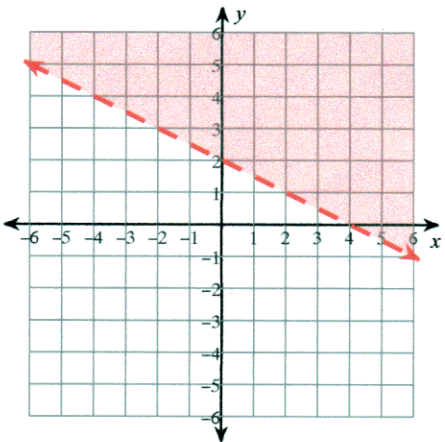


Flip the sign!

$$10) 4x - 3y \geq 15 \quad y \leq \frac{4}{3}x - 5$$



$$11) x + 2y > 4 \quad y > -\frac{1}{2}x + 2$$



Flip the sign!

$$12) 7x - y > 5 \quad y < 7x - 5$$

