

WS 2-4 – Graphing Inequalities

For each equation, determine the slope and the y-intercept, then graph the lines on the paper provided.

1.  $y \leq 2x - 2$

2.  $y > \frac{1}{2}x + 2$

3.  $y < -\frac{3}{4}x - 1$

4.  $y \leq \frac{2}{5}x + 1$

5.  $y \geq \frac{4}{5}x + 3$

6.  $y > x$

7.  $y < -2$

8.  $x \geq 3$

9.  $y < 6x - 2$

10.  $y > -\frac{3}{4}x + 8$

11.  $y \leq -\frac{2}{7}x + 2$

12.  $y \geq -\frac{1}{4}x - 2$

13.  $y < \frac{1}{2}x + 6$

14.  $y < -\frac{1}{2}x - 3$

15.  $y \leq -2x + 6$

16.  $y > -x + 6$

17.  $y \geq x - 7$

18.  $y \leq 2$

19.  $y \geq -3x + 7$

20.  $x < -4$

### WS 2-4 – Graphing Inequalities

For each equation, determine the slope and the y-intercept, then graph the lines on the paper provided.

1.  $y \leq 2x - 2$

2.  $y > \frac{1}{2}x + 2$

3.  $y < -\frac{3}{4}x - 1$

4.  $y \leq \frac{2}{5}x + 1$

5.  $y \geq \frac{4}{5}x + 3$

6.  $y > x$

7.  $y < -2$

8.  $x \geq 3$

9.  $y < 6x - 2$

10.  $y > -\frac{3}{4}x + 8$

11.  $y \leq -\frac{2}{7}x + 2$

12.  $y \geq -\frac{1}{4}x - 2$

13.  $y < \frac{1}{2}x + 6$

14.  $y < -\frac{1}{2}x - 3$

15.  $y \leq -2x + 6$

16.  $y > -x + 6$

17.  $y \geq x - 7$

18.  $y \leq 2$

19.  $y \geq -3x + 7$

20.  $x < -4$