

Algebra II

Graphing Systems of Inequalities

Complete the following exercises in your notebook

Graph each system.

1. $x < 4$
 $y > 2$

3. $y > 5$
 $y < \frac{2}{3}x - 1$

5. $x + y < 2$
 $2x - y \leq 7$

7. $y \geq 2x - 1$
 $y < -3x + 4$

2. $x \leq 4$
 $y \geq x + 1$

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

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

8. $y < -x + 4$
 $y < x - 6$
 $y > -3x - 4$