

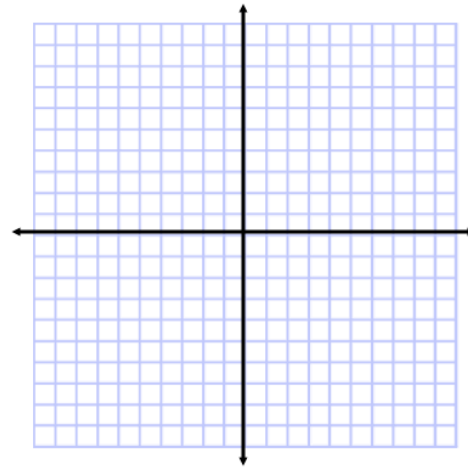
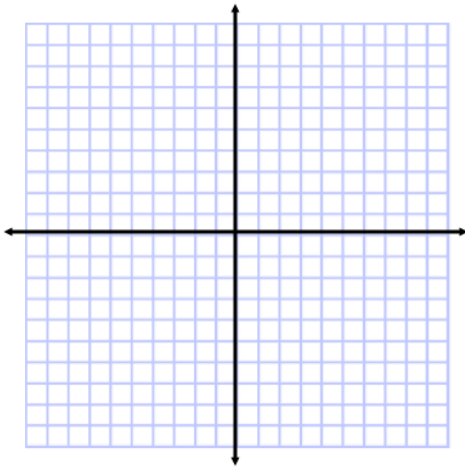
Name: _____
Period: _____

Review Unit 7 and 8
Basic Skills Algebra

Solve the system of inequalities by graphing. Don't forget to check your lines and shading.

1. $2x + 3y \geq 12$
 $x + 5y \leq 20$
 $x > 0$

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



Simplify the radical. No decimals. Rationalize the denominator if necessary.

3. $\sqrt{180}$

4. $\frac{\sqrt{20}}{\sqrt{4}}$

5. $3\sqrt{50}$

6. $\sqrt{24} \cdot \sqrt{6}$

7. $\frac{\sqrt{8}}{\sqrt{12}}$

8. $\sqrt{\frac{17}{36}}$

9. $\frac{7\sqrt{5}}{\sqrt{14}}$

10. $2\sqrt{5} \cdot 4\sqrt{20}$

11. $\frac{2}{3}\sqrt{\frac{7}{6}}$