

Geometry
Algebra Review Week 5

Name _____ Per _____
Semester 1

Factor completely:

1. $4b^2 + 8b + 3$

2. $2x^2 + x - 6$

3. $3n^2 - 11n + 6$

Simplify:

4. $\frac{x^2-9}{12} \cdot \frac{4}{x-3}$

5. $\frac{x^2+10x+16}{x^2+6x+8} \div \frac{1}{x+2}$

Find the solution to the system of equations.

6.

$$x + 3y = 8$$

$$x + 2y = 5$$

7.

$$5x + y = 13$$

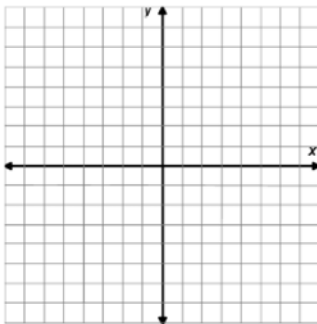
$$10x - 7y = 44$$

Solve for the given variable.

8. $11 - (3c - 2) = 3c - 2(2c + 1)$

Graph the solutions to:

9. $3x + 2y > 6$



10. $2x - y \leq 3$

