

Geometry

Algebra Review Week 13- **SHOW ALL WORK!!!**

Name _____ Per _____

Semester 1

Solve for the given variable:

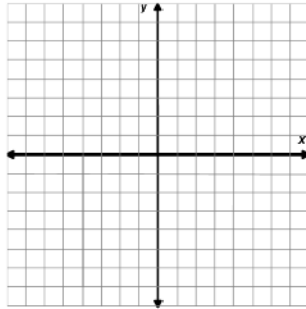
1. $-11 + 10(p + 10) = 4 - 5(2p + 11)$

Factor:

2. $2y^3 + 8y^2 - 42y$

Graph

3. $5x - 3y = -12$



4. $\frac{3x}{5x^3 - 30x^2} \div \frac{6}{x^2 - 15x + 54}$

5. Solve the system of equations.

$$3x - 3y = -4$$

$$2y = 2x + 6$$

6. Solve.

$$2x^2 + 16x = 18$$