

Geometry

Algebra Review Week 11- SHOW ALL WORK!

Name _____ Per _____

Semester 1

Solve:

1. $6(x + 7) - (1 + 7x) = 36$

Factor:

2. $2x^2 - 28x + 66$

Simplify:

3. $\frac{x^2-64}{2x-6} \cdot \frac{30}{5x+40}$

Solve the system of equations:

4. $y = -2x + 5$
 $13 = x - y$

5. Solve the system of equations by graphing:

$$\begin{aligned} 4x + y &= 2 \\ x - y &= 3 \end{aligned}$$

6. Solve:

$$x^2 - 3x = 28$$

