

Geometry

Algebra Review Week 15

Name _____ Per _____

Semester 1

Solve for the given variable:

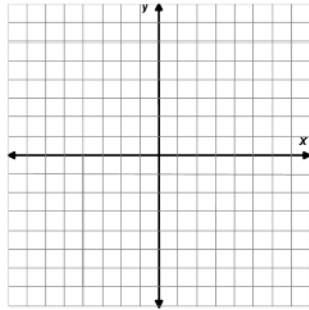
1. $5(x + 3) - 2(x + 4) = 24$

Factor:

2. $6x^3 - 5x^2 - 6x$

Graph

3. $y \geq -\frac{2}{3}x + 5$



4. Simplify $\frac{6x^2 - 6x}{6x^2y}$

5. Solve the system of equations.

$$\begin{aligned} 3x - 5y &= 1 \\ 2x + y &= -2 \end{aligned}$$

6. Solve.

$$2x^2 - 10x - 12 = 0$$