Geometry

Algebra Review Sem 2 Week 13

Name_____ Per_____

Semester 2
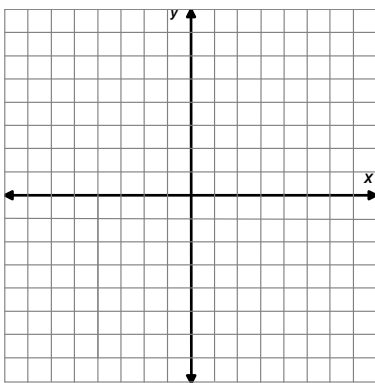
Solve for the given variable.

1. $\frac{4x-12}{4} = 5x + 7$

2. **In slope-intercept form,** write the equation of the line passing through the points (-3, 2) and (2, 5).

Graph

3. $3x - 4y = -8$

4. Simplify $\frac{2x^2+3x-5}{3x+3} \cdot \frac{2x^2-3x-5}{4x^2-25}$

5. Solve the system of equations.

$5x - 2y = 39$
$7x + 3y = 43$

6. Find the solutions to the equation.

$4x^2 - 10 = 3x$