

Geometry

Algebra Review Sem 2 Week 3

Name _____ Per _____

Semester 2

SHOW ALL WORK!

Solve and graph solutions on the number line.

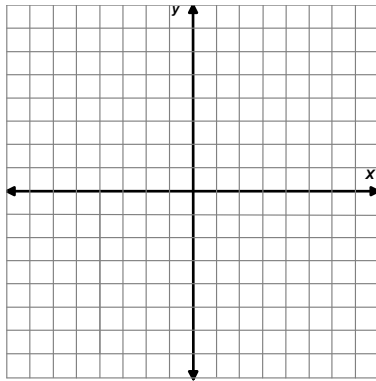
1. $3 - (2y + 3) \geq 6y - 4(y - 2)$

2. In point-slope form,
Write the equation of the line
passing through the points
(7, 2) and (3, 5).

3. Graph

$$y = |x - 2| + 1$$

x	y



4. Simplify $\frac{6x^2 - 6x}{5x^2} \div \frac{x^2 + 2x - 3}{10}$

5. Solve the system of equations.

Write answer as an ordered pair.

$$3x - 5y = -31$$

$$2x + y = 1$$

6. Solve using the quadratic formula.

Round answers to nearest tenth if necessary

$$2x^2 - 10x = 7$$