

Name: _____

Date: _____

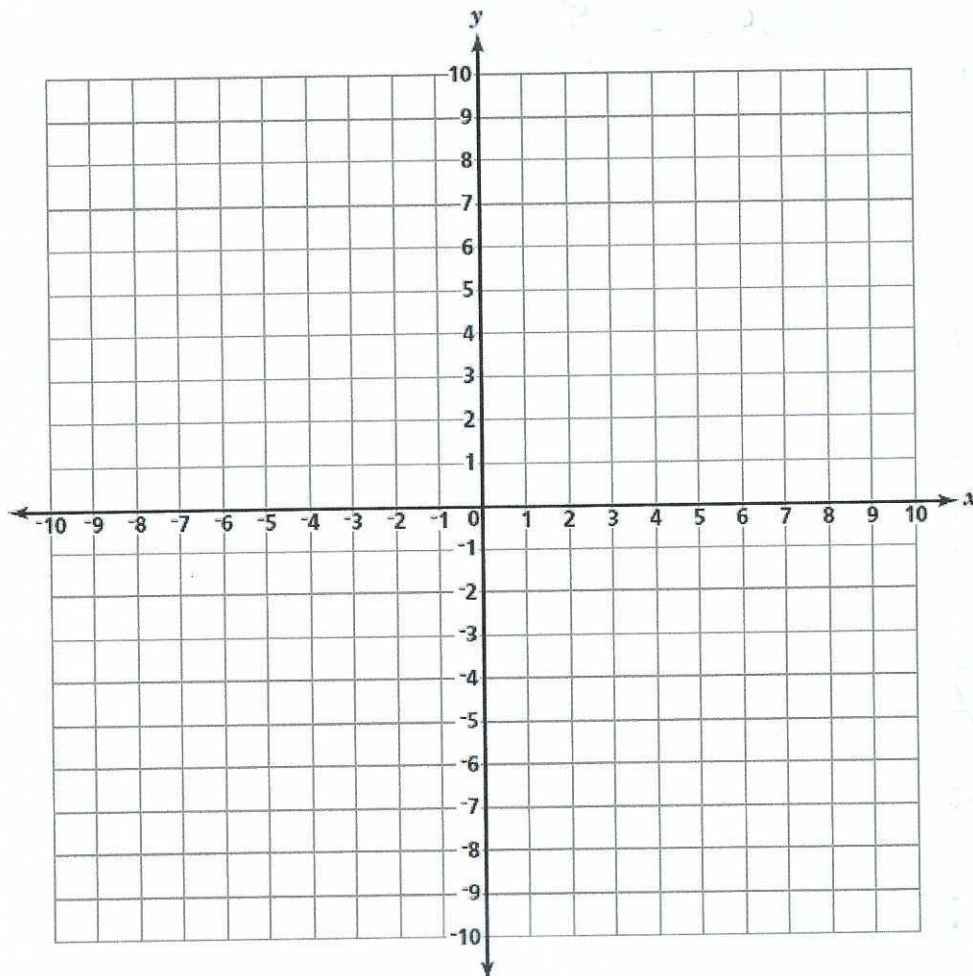
8a; Algebra 1

Period _____

Homework

- 1) (a) Draw a graph of the equation $y = -x^2 + 4x - 3$ for all values of x such that $-1 \leq x \leq 5$.
- (b) On the same set of axes, draw the graph of $y + 1 = x$.
- (c) Using the graphs drawn in *parts (a) and (b)*, determine the solution of the system:

$$y = -x^2 + 4x - 3$$
$$y + 1 = x$$



2) Solve the following system of equations graphically.

$$y = 2x^2 - 4x - 5$$

$$2x + y = -1$$

