

Name \_\_\_\_\_

8A: Algebra 1

Date \_\_\_\_\_

Period \_\_\_\_\_

## Homework

Solve the following systems of equations algebraically and check

$$1) \begin{aligned} y &= x^2 - 6x + 5 \\ y &= 2x - 7 \end{aligned}$$

$$2) \begin{aligned} y &= x^2 + 2x - 4 \\ y - 5 &= 2x \end{aligned}$$

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

$$4) \begin{aligned} y &= x^2 - 6x + 6 \\ y &= x - 4 \end{aligned}$$

5) Explain why the solution set of this graph would consist of only one ordered pair.

