A solution of a linear-quadratic system of equations is an ordered pair, , that satisfies both equations in the system. The system may have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ solutions.



**Example 1:** Solve this system.

A solution of a quadratic-quadratic system of equations is an ordered pair, , that satisfies both equations in the system. The system may have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ solutions.



**Example 2:** Solve this system

