

## Systems of Equations

1. Using [this location in the Desmos® Graphing Calculator](#), explore the types of solutions that occur when graphing a linear or quadratic system of equations.
2. After graphing the systems on paper in the Extension Lesson 3 Practice, check your graphs using the [Desmos® Graphing Calculator](#).

## Systems of Inequalities

1. After graphing the systems of linear and quadratic inequalities on paper in the Extension Lesson 3 Practice, check your graphs using the [Desmos® Graphing Calculator](#).