

## Chapter 9 Solving Quadratic Equations Vocabulary List

### 9.1

Counterexample

Radical expression

Simplest form

Rationalizing the denominator

Conjugates

Like radicals

Radicand

Perfect cube

### 9.2

Quadratic equation

x-intercept

root

zero of a function

### 9.3

Square root

### 9.4

Completing the square

Perfect square trinomial

Coefficient

Maximum value

Minimum value

Vertex form of a quadratic function

## **9.5**

Quadratic formula

Discriminant

## **9.6**

System of nonlinear equations

System of linear equations