

## Quadratic Equations

### Square Root

#### Square: Advanced form

$$1. \quad (x - 3)^2 = 9$$

$$2. \quad (2x + 1)^2 = 49$$

$$3. \quad (z - 6)^2 = 25$$

$$4. \quad (2x - 3)^2 = 25$$

$$5. \quad (5x + 2)^2 = 4$$

$$6. \quad (x + 1)^2 = 16$$

$$7. \quad (x - 5)^2 = 25$$

$$8. \quad (3x - 5)^2 = 16$$

$$9. \quad (x - 4)^2 = 16$$

$$10. \quad (4x + 3)^2 = 25$$

**Answers****Quadratic Equations****Square Root****Square: Advanced form**

1.  $x = 6, x = 0$

2.  $x = 3, x = -4$

3.  $z = 11, z = 1$

4.  $x = 4, x = -1$

5.  $x = 0, x = -\frac{4}{5}$

6.  $x = 3, x = -5$

7.  $x = 10, x = 0$

8.  $x = 3, x = \frac{1}{3}$

9.  $x = 8, x = 0$

10.  $x = \frac{1}{2}, x = -2$