

Equations with Squares and Square Roots

Name _____

Solve.

1. $\sqrt{x} = 5$

6. $8 = \sqrt{x}$

2. $\sqrt{x} = 7$

7. $11 = \sqrt{x}$

3. $x^2 = 64$

8. $9 = x^2$

4. $x^2 = 16$

9. $\sqrt{x} = 6$

5. $x^2 = 4$

10. $\sqrt{x} = 1$

Solutions

1. $x = 25$

6. $x = 64$

2. $x = 49$

7. $x = 121$

3. $x = \pm 8$

8. $x = \pm 3$

4. $x = \pm 4$

9. $x = 36$

5. $x = \pm 2$

10. $x = 1$