

WORKSHEET

Radical Functions

Unsolved with Answer key



WORKSHEET

Radical Functions

1. Simplify $\sqrt{75}$
2. Solve $\sqrt{x - 4} = 3$
3. Simplify $\sqrt[4]{81}$
4. Solve $x^2 + 2 = 18$
5. Simplify $\sqrt{20} + \sqrt{45}$
6. Solve $\sqrt{3x - 1} = x$
7. Graph $y = \sqrt[3]{x}$
8. Simplify $(\sqrt{18} - \sqrt{8}) / \sqrt{2}$
9. Solve $\sqrt[4]{x + 1} = 2$
10. Simplify $\sqrt{x^2 - 4x + 4}$

Answer Key

Radical Functions

1. $5\sqrt{3}$
2. $x = 13$
3. 36
4. $x = \pm 4$
5. $5\sqrt{5}$
6. $x = (3 \pm \sqrt{5})/2$
7. Graph: $y = 3\sqrt{x}$
8. 1
9. $x = -3/4$
10. $|x - 2|$