NAME _____   **DATE** _____

Module 18 Solving Radical Equations
Lesson 2 Solving Multi-Step Radical Equations
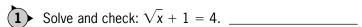
guided notes

Lesson Objectives

- Solve multi-step radical equations.
- Determine whether a radical equation has a solution by checking.

When solving a radical equation, the first step is to _____

the radical on one side of the equation.

Then, raise both sides of the equation to the appropriate

_____ to eliminate the _____.

1 ▶ Solve and check: $\sqrt{x} + 1 = 4$. _____

2 ▶ Solve and check: $\dfrac{\sqrt{m}}{6} = 2$. _____

3 ▶ Solve and check: $\sqrt[3]{5x + 6} = 1$. _____

4 ▶ Solve and check: $\sqrt{5p} + 10 = 25$. _____

DIGITAL