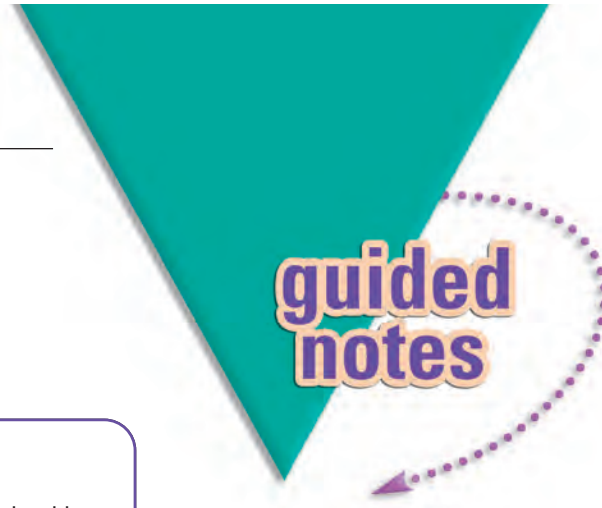


NAME _____

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 **isolate** _____
 the radical on one side of the equation.

Then, raise both sides of the equation to the appropriate
power _____ to eliminate the **radical** _____.

- 1 Solve and check: $\sqrt{x} + 1 = 4$. **$x = 9$** _____
- 2 Solve and check: $\frac{\sqrt{m}}{6} = 2$. **$m = 144$** _____
- 3 Solve and check: $\sqrt[3]{5x + 6} = 1$. **$x = -1$** _____
- 4 Solve and check: $\sqrt{5p} + 10 = 25$. **$p = 45$** _____

