

*Section 4.5—Radical Equations*

**6. Example** Solve the equation  $\sqrt{11-x} - x = 1$

**7. The Problem** View the graphs for some perspective.

**8. Example** Solve  $(5 - 5x) + x = 1$

**9. Example** Solve  $\sqrt[3]{x^2+3x} = \sqrt[3]{5}$

**10. Example** Solve  $\sqrt{2x+3} - \sqrt{x+1} = 1$