Lesson 3: Existence and Uniqueness of Square Roots and Cube Roots

Exit Ticket

Find the positive value of $x$ that makes each equation true. Check your solution.

1. $x^2 = 225$
   a. Explain the first step in solving this equation.
   b. Solve and check your solution.

2. $x^3 = 64$

3. $x^2 = 361^{-1}$

4. $x^3 = 1000^{-1}$