## Unit 3 Lesson 9: Solving Radical Equations

### 1 Math Talk: Radical Equations (Warm up)

#### Student Task Statement

Solve these equations mentally:

### 2 Getting to the Root of the Problem (Optional)

#### Student Task Statement

Find the solution(s) to each of these equations, or explain why there is no solution.

### 3 Write Your Own Equation (Optional)

#### Student Task Statement

1. Write an equation that includes a radical symbol with:
   1. one solution
   2. no solutions
   3. two solutions
2. Switch with a partner and solve their equations.



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