Math 3 2.4 Solving Radical Equations Unit 2 Day 4

*SWBAT solve radical equations and check for extraneous solutions.*

**Step 1**: Isolate the radical.

**Step 4**: Check for extraneous solutions (solutions that don’t work!)

**Step 2:** Raise the entire equation to the power of the radical or the reciprocal of the rational exponent

**Step 3**: Solve for the variable.

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| **Example 1:** | **Example 2:** |
| **Example 3:** | **Example 4:** |

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| **Example 5:** | **Example 6:** | **Example 7:** |
| **Example 8:** | **Example 9:** | **Example 10:** |
| **Challenge:** | | |