Advanced Algebra

What are we learning in Unit 10 – Radical Expressions and Functions?

Self-Ratings:

1: I've never seen this topic and wouldn't even know how to begin.

2: I've heard or seen this before, but don't know how to start or complete the problem.

3: I know the topic and can work through the problem but am unsure whether I am correct.

4: I feel confident that I could present my work and solution to the class.

5: I feel that I could correctly teach this topic to another student if asked. Pre-Unit Mid-Unit Post-Unit

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| **Target** | **Examples** | **Date:** | **Date:** | **Date:** |
| **10A.**  Simplify radical expressions with various indices. | **Simplify the expressions. Assume all variables are positive.**   1. 2. 3. |  |  |  |
| **10B.** Perform operations on radical expressions with various indices. | **Perform the indicated operation.**  4. 5.  6. 7. |  |  |  |
| **10C.** Solve equations containing radicals. | **Solve. Check for extraneous solutions.**  8. 9. |  |  |  |
| **10D.** Graph and state the domain and range of radical functions in  form. | **Determine the graph of the function.**  10.  **Determine the domain and range of the function.**  11. |  |  |  |