**ALGEBRA II – 2022-23 February 15, 2023**

**Today’s Agenda (Day 110)**

1. Homework Check:

🡪 Section 6.6, p. 426 [#16, 20, 22, 24, 26, 30, 34, 36, 38, 40, 42, 44, 46, 48, 50]

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1. Class Activity

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🡪DAY 12: Chapter 6 Review

1. **Section 6.6 – Rational Exponents**
2. **Section 6.7 – Solving Radical Equations and Inequalities**

HOMEWORK:

* **READ:** Chapter 6 – Inverses and Radical Functions and Relations
* **COMPLETE:**
* **COMPLETE:** Section 6.7, p. 433 [#24, 26, 30, 34, 36, 38, 42, 44, 46 48, 50, 52, 54, 56, 60]
* **STUDY:** Chapter 6 Test

 **CHAPTER 6 VOCABULARY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Composition of functions | Inverse relation | Inverse function | Square root function | Radical function | Square root inequality |
| nth root | Radical sign | Index  | Radicand  | Principal root | Rationalizing the denominator |
| Conjugates | Radical equation | Extraneous solution | Radical inequality |  |  |

**ABRIDGED VOCABULARY TEMPLATE**

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| **Term**:  |
| **TEXTBOOK DEFINITION** |
| **SENTENCE/PICTURE/EXAMPLE/FORMULA** |

REMINDERS:

* TEST: Chapter 6 🡪 ~~Wednesday, Feb. 15~~ FEB. 16 THURSDAY