**ALGEBRA II – 2022-23 February 16, 2023**

**Today’s Agenda (Day 111)**

1. Homework Check:

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

🡪 Section 6.7, p. 433 [#24, 26, 30, 34, 36, 38, 42, 44, 46 48, 50, 52, 54, 56, 60]

1. Class Activity

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🡪 TEST: Chapter 6

HOMEWORK:

* **READ:** Chapter 7 – Exponential and Logarithmic Functions and Relations
* **COMPLETE:** Chapter 7 Vocabulary
* **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 7 VOCABULARY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Exponential function | Exponential growth | Asymptote | Growth factor | Exponential decay | Decay factor |
| Exponential equation | Compound interest | Exponential inequality | Logarithm | Logarithmic function | Logarithmic equation |
| Logarithmic inequality | Common logarithm | Change of Base formula | Natural base, e | Natural base exponential function | Natural logarithm |

**ABRIDGED VOCABULARY TEMPLATE**

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

REMINDERS:

* TEST: Chapter 6 🡪 ~~Wednesday, Feb. 15~~ FEB. 16 THURSDAY
* Chapter 7 Vocabulary – March 1
* QUIZ: Chapter 7 Vocabulary - March 8
* QUIZ: Mid-Chapter 7 🡪 March 10
* **TEST: Chapter 7 🡪 March 17**