**ALGEBRA II – 2022-23 April 3, 2023**

**Today’s Agenda (Day 137)**

1. Homework Check:

🡪 Section 8.1, p. 534 [#14, 18, 20, 22, 24, 26, 30, 34, 38]

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1. Class Activity

🡪 **DAY 3: Chapter 8 Review**

1. **Section 8.2 – Adding and Subtracting Rational Expressions**
2. Section 8.3 – Graphing Reciprocal Functions

\*Mid-Chapter 8 Quiz\*

1. Section 8.4 – Graphing Rational Functions
2. Section 8.5 -Variation Functions
3. Section 8.6 – Solving Rational Equations and Inequalities

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HOMEWORK:

* **READ:** Chapter 8 – Rational Functions and Relations
* **COMPLETE:**
* **COMPLETE:** Section 8.2, p. 541 [#18, 20, 22, 26, 30, 32, 34, 36, 38, 40, 42, 44, 46, 50, 52, 56, 58]
* **STUDY:** Chapter 8 Mid-Chapter Quiz, Vocabulary Quiz and Test

 **CHAPTER 8 VOCABULARY**

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| --- | --- | --- | --- | --- | --- |
| Rational expression | Complex fraction | Reciprocal function | Hyperbola | Rational function | Vertical asymptote |
| Horizontal asymptote | Oblique asymptote | Point discontinuity | Direct variation | Constant of variation | Joint variation |
| Inverse variation | Combined variation | Rational equation | Weighted average | Rational inequality |  |

**ABRIDGED VOCABULARY TEMPLATE**

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

REMINDERS:

* **QUIZ: Chapter 8 Vocabulary 🡪 April 5**
* **QUIZ: Mid - Chapter 8 🡪 April 11**
* **TEST: Chapter 8 🡪 April 14**