**ALGEBRA II – 2022-23 September 20, 2022**

**Today’s Agenda (Day 24)**

1. Homework Check:

🡪 Section 1.6, p. 45 [#12, 14, 20, 22, 24, 28, 30, 34, 38, 40, 42, 43]

🡪 Section 2.1, p. 65 [#12, 14, 16, 18, 20, 22, 26, 28, 30, 32]

1. Class Activity

🡪 DAY 2: Chapter 2 Review

1. **Section 2.1 – Relations and Functions**
2. **Section 2.2 – Linear Relations and Functions**
3. **Section 2.3 – Rate of Change and Slope**
4. Section 2.4 – Writing Linear Equations

MID – CHAPTER QUIZ

1. Section 2.5 – Scatter Plots and Lines of Regression
2. Section 2.6 – Special functions
3. Section 2.7 – Parent Functions and Transformations
4. Section 2.8 – Graphing Linear and Absolute Value Inequalities

🡪**FOR BONUS: Complete p. 53 Chapter 1 Practice Test**

HOMEWORK:

* **READ:** Chapter 1 – Equations and Inequalities
* **COMPLETE:** Chapter 2 Vocabulary
* **Complete the following:** Section 2.2, p. 72 [#16, 18, 20, 24, 28, 30, 32, 38, 40, 42]

Section 2.3, p. 79 [#10, 12, 16, 18, 20, 22, 26, 28, 32, 34]

* **STUDY: Chapter 1 Test**, Mid-Chapter 2 Quiz

CH 2 VOCABULARY

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| One-to-one function | Onto function | Discrete relation | Continuous relation | Vertical line test |
| Independent variable | Dependent variable | Linear equation | Linear function | Rate of change |
| Bivariate data | Positive correlation | Negative correlation | Line of fit | Regression line |
| Piece-wise linear function | Absolute value function | Parent function | Quadratic function | Linear inequality |

**ABRIDGED VOCABULARY TEMPLATE**

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

REMINDERS:

* Chapter 2 Vocabulary – Sept. 22
* TEST: **Chapter 1 🡪 ~~Sept. 16~~ Sept. 21**
* QUIZ: **Mid - Chapter 2 🡪 Sept. 23**
* TEST: **Chapter 2 🡪 Sept. 30**