**ALGEBRA II – 2022-23 September 5, 2022**

**Today’s Agenda (Day 14)**

1. Homework Check:

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1. Class Activity

🡪**BEGIN**: Chapter 0 Post-test [see. P29]

🡪**COMPLETE**: Ch 1 Get Ready for the Chapter [see p. 3]

🡪BEGIN: Chapter 1 Review

1. **Section 1.1 – Expressions and Formulas**
2. Section 1.2 – Properties of Real Numbers
3. Section 1.3 – Solving Equations

**\*\*Mid-Chapter Quiz\*\***

1. Section 1.4 – Solving Absolute Value Equations
2. Section 1.5 – Solving Inequalities
3. Section 1.6 – Solving Compound and Absolute Value Inequalities

HOMEWORK:

* **READ:** Chapter 1 – Equations and Inequalities
* **COMPLETE:** Chapter 1 Vocabulary (using the abridged vocabulary template)
* **Complete the following:** Section 1.1, p. 7 [#12 – 26, evens]
* **STUDY:** Test - Chapter 0 [sections 0-1 – 0-9]

Chapter 0 – Preparing for Advanced Algebra

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Domain | Outcome | Combination | Compound event | Conditional probability | Mode |
| Range | Sample space | Theoretical probability | Mutually exclusive | Population | Variance |
| Quadrants | Permutation | Experimental probability | Independent events | Sample | Standard deviation |
| Function | Factorial | Simple event | Dependent events | Mean | outlier |

CH 1 VOCABULARY

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | Algebraic expression | Order of operations | Formula | Real numbers |
| Rational numbers | Irrational numbers | Integers  | Whole numbers | Natural numbers |
| Open sentence | Equation | Solution | Absolute value | Empty set |
| Set-builder notation | Compound inequality | Intersection | Union |  |

REMINDERS:

* Chapter 1 Vocabulary – Sept. 5
* TEST: **Chapter 0 🡪 Sept. 7**
* QUIZ: **Mid - Chapter 1 🡪 Sept. 13**
* TEST: **Chapter 1 🡪 Sept. 16**