**ALGEBRA II – 2022-23 September 1, 2022**

**Today’s Agenda (Day 11)**

1. Homework Check:

🡪 Section 0-5, P15 [#2 – 10, evens], Section 0-6, P19 [#2 – 16, evens], Section 0-7, P21 [#2 – 12, evens]

🡪 Chapter 0 Vocabulary

1. Class Activity

🡪 DAY 7: Chapter 0 Review

1. ~~Section 0-7 Congruent and Similar Figures~~
2. **Section 0-8 The Pythagorean Theorem**
3. Section 0-9 Measures of Center, Spread, and Position

HOMEWORK:

* **READ:** Chapter 1 – Equations and Inequalities
* **COMPLETE:** Chapter 1 Vocabulary (using the abridged vocabulary template)
* **Complete the following:** Section 0-8, P23 [#2 – 18, 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**