**ALGEBRA II – 2022-23 May 15, 2023**

**Today’s Agenda (Day 158)**

1. Homework Check:

🡪 Section 9.4, p. 620 [#12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 34, 36, 38

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1. Class Activity

🡪 **DAY 8:** Chapter 9 PPT Review

1. **Section 9.4 – Ellipses – cont’d**
2. **Section** **9.5 – Hyperbolas**
3. Section 9.6 – Identifying Conics Sections
4. Section 9.7 – Solving Quadratics Systems

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HOMEWORK:

* **READ:** Chapter 9 – Conics Section
* **COMPLETE:**
* **COMPLETE:** ~~Section 9.4, p. 620 [#12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 34, 36, 38]~~
* **STUDY:** **Chapter 9** Test

**CHAPTER 9 VOCABULARY**

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| --- | --- | --- | --- | --- | --- |
| Parabola | Focus | Directrix | Circle | Center of a circle | Radius |
| Ellipse | Foci | Major axis | Minor axis | Center of an ellipse | Vertices |
| Co-vertices | Constant sum | Hyperbola | Transverse axis | Conjugate axis | Constant difference |

**ABRIDGED VOCABULARY TEMPLATE**

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

REMINDERS:

* **TEST: Chapter 9 🡪 May 24**