**ALGEBRA II – 2022-23 May 23, 2023**

**Today’s Agenda (Day 162)**

1. Homework Check:

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1. Class Activity

🡪 **DAY 11:** Chapter 9 PPT Review

1. **Section 9.6 – Identifying Conics Sections**
2. Section 9.7 – Solving Quadratics Systems

🡪 **COMPLETE: Sections 9.6-9.7 questions (see below) – submit by class end**

HOMEWORK:

* **READ:** Chapter 9 – Conics Section
* **COMPLETE:**
* **COMPLETE:** Section 9.6, p. 634 [#14, 16, 18, 22, 24, 26, 28, 30, 32, 35-37]

Section 9.7, p. 643 [#14, 18, 22, 26, 30, 34, 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**