**ALGEBRA II – 2022-23 May 4, 2023**

**Today’s Agenda (Day 151)**

1. Homework Check:

🡪 Section 9.1, p. 596 [#10, 14, 18, 22, 24, 26, 30, 34, 36, 40]

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1. Class Activity

🡪**DAY 2: Chapter 9 PPT Review**

1. ~~Section 9.1 – Midpoint and Distance Formulas~~
2. **Section 9.2 – Parabolas**
3. Section 9.3 – Circles
4. Section 9.4 – Ellipses

Mid-Chapter 9 Quiz

1. Section 9.5 – Hyperbolas
2. Section 9.6 – Identifying Conics Sections
3. Section 9.7 – Solving Quadratics Systems

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HOMEWORK:

* **READ:** Chapter 9 – Conics Section
* **COMPLETE:** Chapter 9 Vocabulary
* **COMPLETE:** Section 9.2, p. 603 [#14, 18, 20, 22, 26, 28, 30, 32, 34]
* **STUDY:** Chapter 9 Vocabulary Quiz and Chapter 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:

* **QUIZ: Chapter 9 Vocabulary 🡪 May 10**
* **QUIZ: Mid-Chapter 9 🡪 May 12**
* **TEST: Chapter 9 🡪 May 19**