**ALGEBRA II – 2022-23 November 23, 2022**

**Today’s Agenda (Day 59)**

1. Homework Check:

🡪 Section 4.4, p. 250 [#18, 22, 24, 28, 30, 32, 35, 38, 40, 42, 44, 52, 54, 56, 58, 62, 64]

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1. Class Activity

🡪 **QUIZ: Mid-Chapter 4**

🡪 MONDAY: DAY 6: Chapter 4 Review

1. Section 4.5 – Completing the square
2. Section 4.6 – The quadratic formula and the discriminant
3. Section 4.7 – Transformations of quadratic graphs
4. Section 4.8 – Quadratic inequalities

HOMEWORK:

* **READ:** Chapter 4 – Quadratic Function and Relations
* **COMPLETE:** ~~Section 4.4, p. 250 [#18, 22, 24, 28, 30, 32, 35, 38, 40, 42, 44, 52, 54, 56, 58, 62, 64]~~
* **STUDY:** Chapter 4 Test

CH 4 VOCABULARY

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Quadratic term | Linear term | Constant term | Vertex | Maximum value |
| Minimum value | Quadratic equation | Standard form | Root | Zero |
| Imaginary unit | Pure imaginary number | Complex number | Complex conjugates | Completing the square |
| Quadratic formula | Discriminant | Vertex form | Quadratic inequality |  |

**ABRIDGED VOCABULARY TEMPLATE**

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

REMINDERS:

* ~~QUIZ: Mid-Chapter 4 – Nov. 23~~
* **TEST:** **Chapter 4 🡪 Nov. 30**
* QUIZ: Mid-Chapter 5 – Dec. 7
* **MIDTERM EXAM: Ch 1 - 5**