**ALGEBRA II – 2022-23 November 4, 2022**

**Today’s Agenda (Day 50)**

1. Homework Check:

🡪 Section 3.6, p. 184 [# 16, 18, 20, 22, 24, 26, 30, 32, 34, 36, 38]

🡪 Section 3.7, p. 195 [# 26, 32, 36, 40, 42, 46, 48, 54]

🡪 Section 3.8, p. 202 [# 14, 16, 18, 20, 24, 26, 28, 30, 34]

1. Class Activity

🡪 TEST: **Chapter 3**

**\*Go to** [**www.socrative.com**](http://www.socrative.com) **🡪 enter room “MSBALGEBRA2” 🡪 enter ID #**

🡪 MONDAY: Chapter 4 Review

1. Section 4.1 – Graphing quadratic functions
2. Section 4.2 – Solving quadratic equations by graphing
3. Section 4.3 – Solving quadratic equations by factoring
4. Section 4.4 – Complex numbers

MID – CHAPTER QUIZ

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 3.8, p. 202 [# 14, 16, 18, 20, 24, 26, 28, 30, 34]~~
* **STUDY:** Chapter 4 Vocabulary Quiz & Chapter 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:

* ~~TEST:~~ **~~Chapter 3 🡪November 4 !Note change of date!~~**
* QUIZ: Chapter 4 Vocabulary – Nov. 16
* QUIZ: Mid-Chapter 4 – Nov. 18
* **TEST:** **Chapter 4 🡪 Nov. 25**