12/3/18 Algebra 2

Objective: Students will recognize different forms of quadratic equations use the information from each form to graph.

Students will graph quadratic equations without making tables.  Students will rewrite quadratic equations from standard form into graphing form.

1. SLOT
2. Quizizz 505337 (You may also need to meet with me)
3. Homework: Check your Form Part 2

12/3/18 Pre-Calc

Objective: Students will recognize different forms of quadratic equations use the information from each form to graph.

Students will graph quadratic equations without making tables.  Students will rewrite quadratic equations from standard form into graphing form.

1. SLOT
2. Check your Packet and other Homework assignments from last week.
3. Classwork Problems: Problems 2-72 through 2-76
4. Homework Problems: Problems 2-77 through 2-84
5. Homework Problems [2-77 through 2-92](https://ebooks.cpm.org/bookdb.php?title=pc3&name=2.2.3&type=lesson&#2-77)

Answer these questions for homework! Please and thank you!

1. Thinking about the unit circle in relation to your graph of y = sin Θ. Explain why the domain is all real numbers and the range is -1 to 1.
2. Thinking about the unit circle in relation to your graph of y = cos Θ. Explain why the domain is all real numbers and the range is -1 to 1.
3. **Classwork Problems:**  [2-93 through 2-98](https://ebooks.cpm.org/bookdb.php?title=pc3&name=2.2.4&type=lesson&#2-93)
4. **This was everything we did last week.** Please check your work, ask your friendy- friends for help, use the homework help in the ebook book for problems you did not get right/understand.
5. **Some of you may visit with me today.**
6. **Your assignment for today is: 99-104**

**12/4/18 Algebra 2**

Objective: Students will learn how to write quadratic equations for situations using the graphing form of the parabola y = a(x − h)2 + k.  Specifically, students will develop an algebraic strategy for finding the value of the stretch factor, a.

1. **SLOT**
2. **Homework Questions/Please get a Chromebook, 1 per 2 people.**
3. **Notes!**
4. **Practice**

**12/4/18 Pre-Calc**

**Objective: Students will practice stretching a sine or cosine graph horizontally and investigate the relationship between “*b*” and the period.**

1. **SLOT**
2. **Lesson 2.2.5:** Problems [2-107 through 2-109](https://ebooks.cpm.org/bookdb.php?title=pc3&name=2.2.5&type=lesson&#2-107)
3. **Read the Math Notes** box about the 5-Point Method and then write a Learning Log (2-112) entry *in your own words*.

12/5/18

Students will graph quadratic equations without making tables.  Students will rewrite quadratic equations from standard form into graphing form.

1. SLOT
2. Check Homework
3. Notes
4. Practice

**12/5/18 Pre-Calc**

**Objective: Students will practice stretching a sine or cosine graph horizontally and investigate the relationship between “*b*” and the period.**

1. **SLOT**
2. **Note-y Notes**
3. **Practice**
4. **OMS math is really, really fun!**

12/6/18

Students will graph quadratic equations without making tables.  Students will rewrite quadratic equations from standard form into graphing form.

1. SLOT
2. Check Homework
3. Stations
4. Homework (SLOT QUIZ PRACTICE)

12/6/18

Students will solve basic trigonometric equations, understand that the number of solutions depends on the specified domain, and express solutions to trigonometric equations by adding +2*πn* to solutions

1. SLOT
2. Practice Graphing for 15-20 minutes.
3. Start section 2.3.1; Problems [2-121 through 2-124](https://ebooks.cpm.org/bookdb.php?title=pc3&name=2.3.1&type=lesson&#2-121)
4. Homework is to finish graphing!

12/7 Algebra 2

Students will graph quadratic equations without making tables.  Students will rewrite quadratic equations from standard form into graphing form.

1. SLOT
2. Slot Quiz
3. Group Work
4. Stations and exit tickets
5. Have a great weekend
6. Celebration of learning next Thursday or Friday!

12/6/18

Students will solve basic trigonometric equations, understand that the number of solutions depends on the specified domain, and express solutions to trigonometric equations by adding +2*πn* to solutions

1. SLOT
2. SLOT quiz.
3. Start section 2.3.1; Problems [2-121 through 2-124](https://ebooks.cpm.org/bookdb.php?title=pc3&name=2.3.1&type=lesson&#2-121)
4. Complete problem 2-126
5. Homework (or classwork if you finish in time) 2-127 to 2-134
6. Celebration will be next week! Yes! It’s a celebration of learning next week, either Thursday or Friday. Yes, there will be some type of study guide. I will give it to you by Wednesday or Thursday. Unless you ask me, then I will know you did not read this and no study guide for you.