10/15 Algebra 2

**Objective:**

**I can identify commonalities in a family of linear functions and will determine whether relationships in tables and situations are linear.**

Vocab:

Parameters, Variables, Family of functions

Questions you should be able to answer after today:

What do Linear relationships have in common?

What is the difference between a parameter and a variable?

1. SLOT
2. Check your asymptotes with your new team members
3. Entrance Ticket
4. Read questions 1-98 after you finish your entrance ticket. Answer question 1-98 on your own. Compare your answers with your team then come up with the best answer as a team. Share out.
5. Complete Problems 1-98 through 1-101
6. Homework: Problems 1-104 through 1-110

10/15 Pre-Calc

**Objective:**

**I can understand the terminology and notation for describing functions, including: decreasing, increasing, maxima, minima, concave up, and concave down.**

**I can take notes in my math notebook using the text and problems as a guide**.

Vocab:

Decreasing, Increasing, Maxima, Minima, Concave up, Concave down, points of inflection.

1. SLOT
2. Check homework and classwork
3. Entrance Ticket
4. Problems [2‑1 through 2-4](https://ebooks.cpm.org/bookdb.php?title=pc3&name=2.1.1&type=lesson&#2-1) (Please start reading after your entrance ticket is complete)
5. Work through problem 2-1 as a team. We will stop and check work after 2.1 and 2.2. I will show you my math notebook as an example.
6. Work through 2.5 with your team.
7. Homework: Problems [2-9 through 2-16](https://ebooks.cpm.org/bookdb.php?title=pc3&name=2.1.1&type=lesson&#2-9)

**5th and 6th Hours please have 1-118 through 1-121 out for me to check in.**

10/16 Algebra 2

**Objective:**

**I can identify commonalities in a family of linear functions and will determine whether relationships in tables and situations are linear.**

Vocab:

Parameters, Variables, Family of functions

Questions you should be able to answer after today:

What do Linear relationships have in common?

What is the difference between a parameter and a variable?

1. SLOT
2. Check your asymptotes with your new team members
3. Entrance Ticket
4. Read questions 1-98 after you finish your entrance ticket. Answer question 1-98 on your own. Compare your answers with your team then come up with the best answer as a team. Share out.
5. Complete Problems 1-98 through 1-101
6. Homework: Problems 1-104 through 1-110

10/16 Pre-Calc

**Objective:**

**I can understand the terminology and notation for describing functions, including: decreasing, increasing, maxima, minima, concave up, and concave down.**

**I can take notes in my math notebook using the text and problems as a guide**.

Vocab:

Decreasing, Increasing, Maxima, Minima, Concave up, Concave down, points of inflection.

1. SLOT
2. Check homework and classwork
3. Entrance Ticket
4. Problems [2‑1 through 2-4](https://ebooks.cpm.org/bookdb.php?title=pc3&name=2.1.1&type=lesson&#2-1) (Please start reading after your entrance ticket is complete)
5. Work through problem 2-1 as a team. We will stop and check work after 2.1 and 2.2. I will show you my math notebook as an example.
6. Work through 2.5 with your team.
7. Homework: Problems [2-9 through 2-16](https://ebooks.cpm.org/bookdb.php?title=pc3&name=2.1.1&type=lesson&#2-9)

**5th and 6th Hours please have 1-118 through 1-121 out for me to check in.**

10/17 Algebra 2

**Objective:**

**I can identify commonalities in a family of linear functions and will determine whether relationships in tables and situations are linear.**

Vocab:

Parameters, Variables, Family of functions

Questions you should be able to answer after today:

What do Linear relationships have in common?

What is the difference between a parameter and a variable?

1. SLOT
2. Compare your definitions of Parameter and Variable with your team
3. Read questions 1-98 after you finish your entrance ticket. Answer question 1-98 on your own. Compare your answers with your team then come up with the best answer as a team. Share out.
4. Complete Problems 1-98 through 1-101
5. Homework: Problems 1-104 through 1-110

10/17 Pre-Calc

**Objective:**

**I can understand the terminology and notation for describing functions, including: decreasing, increasing, maxima, minima, concave up, and concave down.**

**I can take notes in my math notebook using the text and problems as a guide**.

Vocab:

Decreasing, Increasing, Maxima, Minima, Concave up, Concave down, points of inflection.

1. SLOT
2. Notey-Notes
3. Practice

See ya tonight!

What is seven q plus three q?

10/17 Algebra 2

**Objective:**

**I can identify commonalities in a family of linear functions and will determine whether relationships in tables and situations are linear.**

Vocab:

Parameters, Variables, Family of functions

Questions you should be able to answer after today:

What do Linear relationships have in common?

What is the difference between a parameter and a variable?

1. SLOT
2. Work on Practice Problems
3. Have Homework: Problems 1-104 through 1-110 out on your table for check in

10/17 Pre-Calc

**Objective:**

**Students will recognize even and odd functions from their graphs and algebraically.**

Questions:

**How can you recognize an even (or odd) function from its graph?**

**From its table? From its equation?**

**How is –f(x) different from f(–x)?**

1. SLOT
2. Check your homework on the blog
3. Complete problems 2-17 and 2-18 with your team.

10/18 Algebra 2

**Objective:**

**I can identify commonalities in a family of linear functions and will determine whether relationships in tables and situations are linear.**

Vocab:

Parameters, Variables, Family of functions

Questions you should be able to answer after today:

What do linear relationships have in common?

What is the difference between a parameter and a variable?

What make a function linear?

1. SLOT and Slot Quiz
2. Work on Practice Problems
3. Have Homework: Problems 1-104 through 1-110 out on your table for check in, for real this time ☺
4. M and B
5. Is it linear?

10/18 Pre-Calc

**Objective:**

**Students will recognize even and odd functions from their graphs and algebraically.**

Questions:

**How can you recognize an even (or odd) function from its graph?**

**From its table? From its equation?**

**How is –f(x) different from f(–x)?**

**What is the formal definition of an even function? An odd function?**

1. SLOT and slot quiz
2. Check your homework on the blog, do you have questions?
3. Complete problems 2-17 and 2-18 with your team.