

# **GEOMETRY**

**MR. DOROQUEZ**

**All documents for tonight**

**[tinyurl.com/mrdbtsn](https://tinyurl.com/mrdbtsn)**

**[mdoroquez@mpcsd.org](mailto:mdoroquez@mpcsd.org)**



# Mr. D's Back-to-School-Night Page

Room B7

Phone: 650-326-4341x2207

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Main Website: [www.mrdoroquez.com](http://www.mrdoroquez.com)

[7th Grade Math](#)

[8th Grade Math](#)

[Geometry](#)



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- [PowerSchool](#)
- Shadowing
  - [Menlo-Atherton High School](#)
  - Sacred Heart Prep
  - [Menlo School](#)
- Private School Applications
  - [Sacred Heart Prep](#)
  - [Menlo School](#)
  - [Castilleja](#)
- [How a parent can sign up to Edmodo using his/her child's account](#)

# **Curriculum**

- **Common Core**
- **Problem Solving based**

## **Pre-requisite**

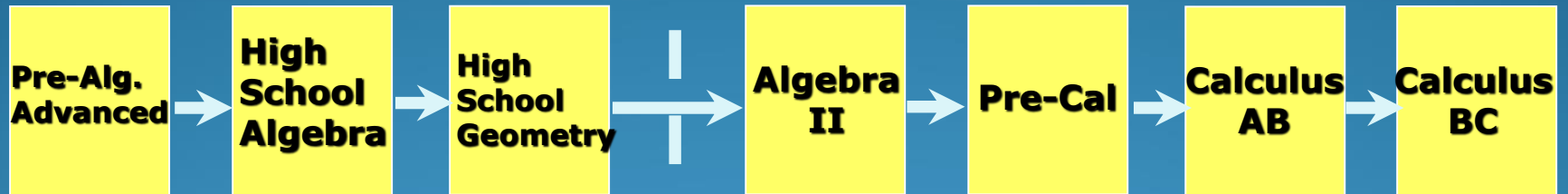
- **High School Algebra I**

# Hillview

# High School

6<sup>th</sup> Grade   7<sup>th</sup> Grade   8<sup>th</sup> Grade

Freshmen   Soph   Junior   Senior

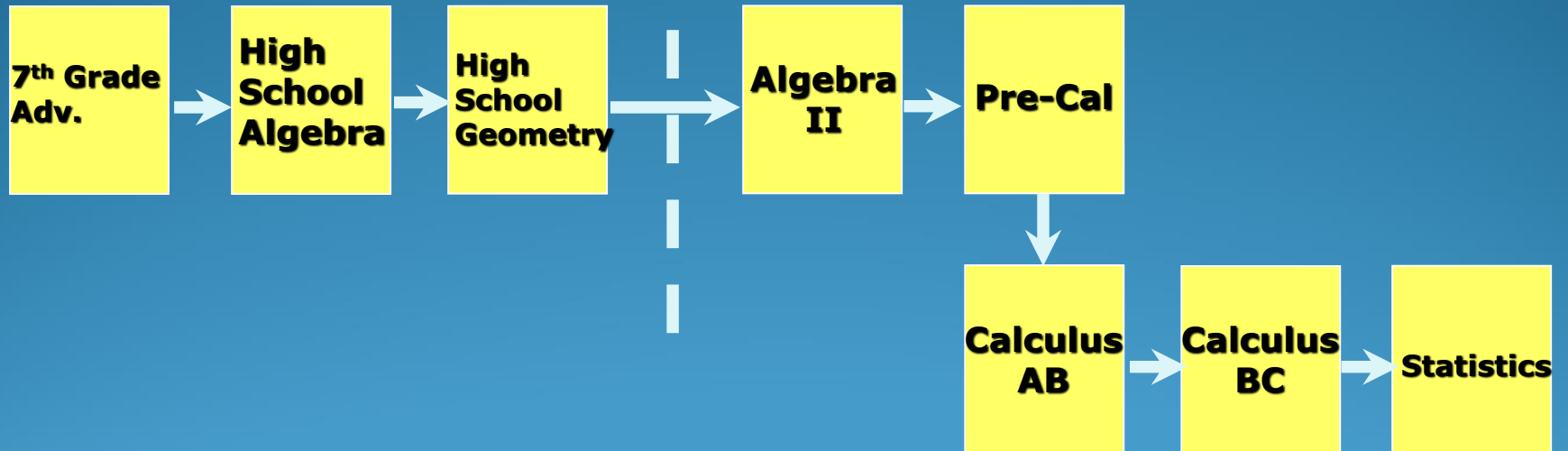


# Hillview

# High School

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## Mr. Doroquez's Website

[Home](#)[About Me](#)[Homework](#)[Links](#)[Math Links](#)

### WELCOME TO MY WEBSITE!!!

Please feel free to explore my website. This is an updated version. I'm hoping that it is more appealing to the eye than my previous site. Please feel free to make any comments. Thank you! asdfasd

### Updates

- Students and Parents, welcome to another year at Hillview!
- To get a list of school supplies that you need for 8th grade, here is the [link](#).
- Please fill in the **CONTACT FORM** at the following link: [CLICK HERE](#).

email: [mdoroquez@mpcsd.org](mailto:mdoroquez@mpcsd.org)

**7th Grade  
Compacted**

**8th Grade  
Math**

**High School**

**Contact**

## Tools



Edmodo



socrative

formative

Here are the links that we use often in my class!

## Quick Links





# MR. D'S GEOMETRY PAGE

## HOMework SHEET

### General Class Information - (Select a bar below)

- First Day of School
  - [Geometry Guideline](#)
  - [Who Are You?](#)
  - [10 Things About Me](#)
- Book
  - [Chapter 1](#)
  - [Chapter 2](#)
  - [Chapter 3](#)
  - [Chapter 4](#)
  - [Chapter 5](#)
  - [Chapter 6](#)
  - [Chapter 7](#)
  - [Chapter 8](#)
  - [Chapter 9](#)
  - [Chapter 10](#)
  - [Chapter 11](#)
  - [Chapter 12](#)
  - [Chapter 13](#)
  - [Entire Book](#)

All material  
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the assistance  
of [ck12.org](#).

**Chapter 1 - Basics of Geometry**

**Chapter 2 - Reasoning and Proof**

**Chapter 3 - Parallel and Perpendicular Lines**



CK-12

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next generation textbooks

# CHAPTER 2



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**CHAPTER 2****Reasoning and Proof**

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**Chapter Outline**

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- 2.1**    **CONDITIONAL STATEMENTS**
  - 2.2**    **INDUCTIVE REASONING**
  - 2.3**    **DEDUCTIVE REASONING**
  - 2.4**    **ALGEBRAIC AND CONGRUENCE PROPERTIES**
  - 2.5**    **PROOFS ABOUT ANGLE PAIRS AND SEGMENTS**
  - 2.6**    **CHAPTER 2 REVIEW**
- 

This chapter explains how to reason and how to use reasoning to prove theorems about angle pairs and segments. This chapter also introduces the properties of congruence, which will also be used in proofs. Subsequent chapters will combine what you have learned in Chapters 1 and 2 and build upon them.

## 2.1 Conditional Statements

### Learning Objectives

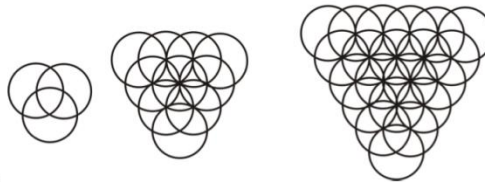
- Identify the hypothesis and conclusion of an if-then or conditional statement.
- Write the converse, inverse, and contrapositive of an if-then statement.
- Recognize a biconditional statement.

### Review Queue

Find the next figure or term in the pattern.

a. 5, 8, 12, 17, 23, ...

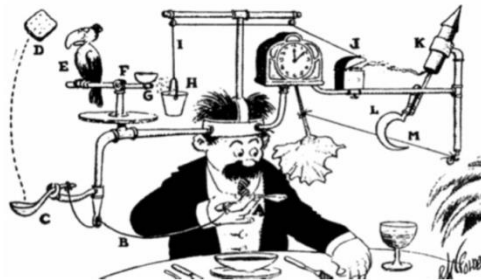
b.  $\frac{2}{5}, \frac{3}{6}, \frac{4}{7}, \frac{5}{8}, \frac{6}{9}, \dots$



c.

- d. Find a counterexample for the following conjectures.
- If it is April, then it is Spring Break.
  - If it is June, then I am graduating.

**Know What?** Rube Goldman was a cartoonist in the 1940s who drew crazy inventions to do very simple things. The invention to the right has a series of smaller tasks that leads to the machine wiping the man's face with a napkin.



Write a series of if-then statements to that would caption this cartoon, from A to M.



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# Mr. D would like you to join Geometry!



To receive messages via text, text **@mrdgeo** to **81010**. You can opt-out of messages at anytime by replying, 'unsubscribe @mrdgeo'.

Trouble using 81010? Try texting **@mrdgeo** to **(510) 398-6971** instead.



Enter this number

Text this message

\*Standard text message rates apply.

Or to receive messages via email, send an email to **mrdgeo@mail.remind.com**. To unsubscribe, reply with 'unsubscribe' in the subject line.



# For this year...

## **Shadowing**

- During parent/conference week
  - October 25-28
- After Thanksgiving Break

## **Recommendations**

- By Thanksgiving Break



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**THANK**

**YOU!!**