

Calculus 1 - Homework 2

Professor:

Dr. Joanna Bieri
joanna_bieri@redlands.edu

Office Hours:

Check the class website for office hours: calculus1.joannabieri.com

Prepare for Class on Friday 8/28**Other Notes:**

1. Watch Lectures:

- Measuring Velocity Lecture
- Measuring Velocity Example

2. Read Book:

- 1.1 How do we measure velocity
- It might be helpful to go to desmos.com and plot the function $y = 64 - 16(t - 1)^2$ as you following along and try to answer the Activity questions.
- Solutions for the activities are in the “Back Matter” so you can check your understanding.

3. Try Examples:

- 1.1.2

4. Make a list of questions for your group and professor. You can post these questions to your group channel.

1. Now is the time to review your algebra and pre-calculus. An hour of study now will pay off ALL SEMESTER LONG!

Homework Problems

You should attempt all these problems before class, but we will work on them in class with our groups.

- ALL: 1-5 and CHOOSE ONE: 6, 7, or 8

Hand In - Video - Due Monday 8/31 11:59pm

For which ever problem you choose (6,7 or 8) make a short 5 minute video explaining how you figured it out. You can use Educreations, your phone camera, anything your choose. Please make your video so that it will help other students in the class understand your problem. Don't just read what is on the paper, explain your logic and thinking. If you have trouble making a video let me know and I can help! I will be very flexible with our deadline for this first homework.