

Math 235: Calculus Lab

Prof. Doug Hundley

Whitman College

Week 4

Groups For Lab 1

For 1PM on Wednesdays:

Row 1: Group 1: Lane Barton, Rose Baunach

Group 2: Chelsi Brewer, Phil Chircu

Row 2: Group 3: Will Clifford, Alec Foote

Group 4: Elliot Granath, Teylor Greff

Group 5: Reed Hendrickson, Matthew Hirano

Row 3: Group 6: Hannah Horner, Nick Johnson

Group 7: Alysse Ketner, Alex McFadden

Row 4: Group 8: Marcos Median-Saldana, Elissa Picozzi

Group 9: Andzu Schaefer, Karen Vezie, Helena Victor

Groups For Lab 1

For 2:30PM on Wednesdays:

- Row 1 Group 1: Keely Adjorlolo, Anker Anderson
Group 2: Jade Anderson, Rebecca Ansolabehere
- Row 2 Group 3: Megan Bafus, Elenore Bastian
Group 4: Zach Calo, Adam Dawson
Group 5: Peter French, Nina Henelsmith
- Row 3 Group 6: QA Hoang, Isabel Mills
Group 7: Thanh Huynh, Kevin Obey
- Row 4 Group 8: Olivia Sasaki, Austin Sloane
Group 9: Jessica Sutter, Emma Twersky

Groups For Lab 1

For 1PM on Fridays:

Row 1 Group 1: Elliot Burch, Marissa Childs

Group 2: Jordan Dickson, Nikita Komachkov

Row 2 Group 3: Mackenzie Cummings, Thomas Kubail Kalousdian

Group 4: Lexi Perez, Zongli Shi

REMINDER:

“Lab 0” includes the short bio and short parametric equations paper, together with the Maple worksheet.

Should be finished grading those by next week.

More on Writing, Intro to Lab

Punctuation

Remember to include a period at the end of a sentence.

... For instance, below is a perfectly good complete sentence.

$$1 + 1 = 2.$$

Typeset Cosine and Sine

Cosine and Sine (and other named functions, like log) should be typeset using a backslash:

$$x = \cos(t) \quad y = \cos(t).$$

More on sentences

Sentences should never start with a variable name:

“ x and y are functions of t ...”

Should be something like:

“We set x and y to be functions of t ...”

Other things to think about...

- ▶ Use “we” instead of “I” (include the reader).
- ▶ Avoid the use of “it” whenever possible.
- ▶ In graphs, point out the salient features.
“In Figure (reference), we see that the graph increases sharply at $t = 3$...”

Using Sections

We should begin to use section headings, subsection headings, and subsubsection headings. Example:

```
\begin{document}  
\section{This is a section heading.}  
\subsection{This is a subsection heading.}  
\subsubsection{This is a subsubsection heading.}  
\section{This is another section heading.}  
\end{document}
```

Now, change `article` to `amsart` and see how the section headings change.

In a short paper, don't number sections- Use `\section*{.}` and so on.

Some New Maple Commands

Take a few minutes and go over the new Maple commands.

Lab 1: Biorhythms

(See the lab on the class website)

Work in groups.

Due date: Wed, Feb 26th (we'll have this week and next to work on it)