

Chapter 6: Graphs of Trig Functions

Chapter Objectives:

- Change from radian measure to degree measure, and vice versa (6.1)
- Find linear and angular velocity (6.2)
- Use and draw graphs of trig functions and their inverses (6.3-6.8)
- Find the amplitude, the period, the phase shift, and the vertical shift for trig functions (6.4-6.7)
- Write trig equations to model a given situation (6.4-6.7)

Assignment #	Section	Homework
1	6.1 Angles and Radian Measure	pg. 348 #5-10, 16-32, 35-51 odd
2	6.2 Linear and Angular Velocity	pg. 355 #13-33 odd
3	Intro to Graphing	Finish Follow-Up Questions on WS
4	Graphing Sine/Cosine Functions	Worksheet
5	Graphing cont'd	Worksheet
6	Graphing cont'd	Worksheet/ Review for Quiz
7	Modeling Real-Word Data with Sinusoidal Functions	pg. 391 #6-8 (show all work!!)
8	Modeling cont'd	Worksheet
9	6.7/6.8 Graphing other Trig Functions	Worksheet
10	6.7/6.8 cont'd	Worksheet/ Review for Quiz
11	Chapter 6 Review	Target sheet
12	Chapter 6 Review (optional HW)	pg. 414 #11-37 odd