

Math 30 -2 Outline of Unit 3: Polynomial & Sinusoidal Functions
Chapter 5 and Chapter 8



Date	Topics	Corresponding Textbook: Pages & Examples	Homework
Monday Oct 16	5.1 Graphs of Polynomial Functions	Pages: 272 – 277	Page 277-278 Do #1 to 4
Tuesday, Oct 17	5.2 Characteristics of Equations of Polynomial Functions	Pages 278-291	Page 287 - 291 Do #1, 2, 3, 5, 6 (KEY Q), 7, 14
Wednesday, Oct 18	5.3 Regressions	Pages 295-306: Ex #1, 2	Page 301 – 303: Do #3, 4, 6, 7 (KEY Q)
Thursday Oct 19	5.4 Regressions & Applications	- Pages 307 - 317: - Ex #1, 2, 3	Page 313 to 316 : Do # 1, 2, 3, 4, 8 (KEY Q)
Monday, Oct 23	Review QUIZ on Polynomials		Page 321 - 322 : Do # 1 - 10
Tuesday, Oct 24	8.2 Periodic Functions	Pages: 491 - 509	Handout Periodic Graphs
Wed. Oct 25	8.3 Graphs of Sinusoidal functions	Handout: Ferris Wheels Pages: 497 - 505	Page 506 - 508: Do # 1 to 8, 10-15 Handout: Sinusoidal Graphs
Thursday Oct 26	Modeling & Applications Equations of Sinusoidal Func. (pt 1)	Handout: $y = a \sin(bx+c)+d$ Pages: 518 - 527	Page 528 : Do # 1, 2, 3, 5, 6, 7
Friday Oct 27	PRISMS	VR	
Monday Oct 30	Equations of Sinusoidal Functions (pt 2)	Pages 522 - 527	Handout: Characteristics of Sinusoidal Graphs Page 528: # 12, 18, 19 Page 551: # 5, 6 Pages: 515 #4 - 8
Tuesday Oct 31	8.4 Modeling Data with Sinusoidal Regression	Handout: Regression Pages: 533- 547 Examples # 1,3	Page: 542 - 543 Do # 4, 5, 6, 8 (KEY Q) (Hint for 6: Enter a # for each month: Jan=1, Feb=2, ...) Page 528: # 12, 18 Page 551: # 5, 6 Pages: 515 #7, 8
Wednesday, Nov 1	QUIZ (Partner)		
Thursday, Nov 2	Review		Practice Tests
Friday Nov 3	POLYNOMIAL & SINUSOIDAL EXAM		