

Chapter 11 Conic Sections

Assignment Sheet

Section	Pages to Read and Learning Objectives	Problem Set	/Credits
11.1	Read pgs. 534-537 Graph an equation in $(x-h)^2 + (y-k)^2 = r^2$ form Determine an equation given key points Transform an equation by completing the square	DIAGNOSTIC Handout HW 11.1a 538/1-15,16-24 evens,32-38 even, 40,44 HW 11.1b See Example 5 (but there is an error) Use systems like we learned in A2) 538/25-30,45,46	/5 /5
11.2	Ellipses Section	546/2-5,7,10,13,15,16-18,21-23, 30,32,33	/5
11.3	Hyperbola Conjugate Axis? Asymptotes? Shift asymptotes according to center	555/1-11 odd, 21-25 odd	/5
11.4a 11.4b 11R	Parabola [11.1-11.4 D- Period Test on Weds C- Period Test on Thurs.	561/2-13 Primes [Class Exercise] 561/ 2-17 Primes [Practice], 26,27 Handout Foci of Conics#1 (back of notesheet) 563/1-18 [Test Yourself]	/20

Ch7 Working Study Guide NEEDS TO BE WRITTEN!

Be able to say with confidence (and show by handing in your assignments):

7.4 I understand that if we have a complex root, then it's conjugate is also a root. For example, $3+i$ means that $3-i$ is also.

To find the other real roots we divide!!!

7.3 I understand how to find all possible integral roots! And all rational roots!

I can ...

I understand ...

I understand ...

I can do **any problem** from Chapter 6 but I better practice ... because I know that material the least

Resources: The Fundamental Trigonometric Identities Handout; Textbook,

Assigned Problems: See List at the top of this page

Special Emphasis -