**Week 36**

**Target Goals: The students will be able to draw, convert and solve polar equations.**

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| **Date** | **Learning Target** (Students will be able to . . . ) | **Agenda** | **Homework/**  **Materials** |
| **M**  **5/23** | Identify Polar equations of Conics | Notes and examples | Pgs. 566 – 568 #’s 1 – 25 odd, 76 – 79. |
| **T**  **5/24** | Write and graph the polar equation of a conic | Notes and examples. | Pgs. 566 – 568 #’s 566 – 567 #’s 24 – 36 (x3) |
| **W**  **5/25** | Work on conics and polar equations. | Polar and conic conversion problems. | None |
| **Th**  **5/26** | Convert complex numbers from rectangular to polar form and vice versa. | Notes and examples | Pgs. 577 – 578 #2 – 52 (evens), 98 - 100 |
| **F**  **5/27** | Find products, quotients, powers, and roots of complex numbers in polar form. | Notes and examples | Pgs. 577 – 578 #’s 55 – 73 (odd) |
| **T**  **5/31** | Use DeMoivre’s Theorem. | Problems in class. | None |
| **W**  **6/1** | Review for Polar Test | Review problems in class. | Study for Test |
| **TH**  **6/2** | Review for Polar Test | Review problems in class. | Study for Test |
| **F**  **6/3** | Polar Test | Polar Test | None |
| **6/6 -6/9** | Review and Take Final Exam. | Review and Take Final Exam |  |