**Accel. PreCalculus Assignments**

**Unit 8 – Polar Coordinates & Graphs**

\* Unless otherwise noted, all assignments are due the next class period.

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| **Date** | **Topic** | **Homework Assignment** |
| 3/9 | Polar Coordinates  Distance Btw Coordinates | Polar Coordinates WS |
| 3/10 | Polar Coordinates  Desmos Practice Activity | Finish Desmos Activity |
| 3/11 | Teacher Work Day – No School for Students | |
| 3/14 | Teacher Work Day – No School for Students | |
| 3/15 | Desmos Graphing Investigation | Finish Desmos activity and questions (if needed) |
| 3/16 | Circles & Cardioids | Circles & Cardioid Graphing WS |
| 3/17 | Limacons | Limacons Graphing WS |
| 3/18 | Rose Curves | Rose Curve Graphing WS |
| 3/21 | Early Release Day  Lemniscates & Spirals | Lemniscates & Spirals Graphing WS |
| 3/22 | Writing Equations Given Graphs | Writing Equations WS |
| 3/23 | Work Day | Study for Quiz! |
| 3/34 | **Quiz** | None |
| 3/25 | Converting Coordinates & Eqns | Converting Coordinates & Eqns WS |
| 3/28 | Converting btw polar & complex  Product/Quotient Complex Form | Start Polar/Complex Form WS  (even #’s only) |
| 3/29 | Mrs. Hetherington’s Birthday!  Product/Quotient Complex Form  DeMoivre’s Theorem | Finish Polar/Complex Form WS (even #’s)  Demoive’s Theorem WS (even #’s) |
| 3/30 | Review | Study for Test! |
| 3/31 | **Unit 8 Test** | None |