**D.E.A.R.**

**Week: # 24: Independent study week**

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| **Week days** | **PC and CP** | **Geometry** |
| **Mondays and Tuesdays** | **PC Textbook:** Copy classification of Polar Equations Page 594 to 595. Study Example 14 page 596 and calculus comments, Make notes too. **Concept:** Polar Equations | **PC Textbook:** Study Examples 1, 2, 3,4 and 5, page 46 to 49. Make notes too. **Concept:** Equation of a circle |
| **Wednesdays and Thursdays** | **PC Textbook:** Study Examples 1, 2, 3, and 4 page 601 to 604. Make notes too. **Concept:** Complex Plane and De Moivre’s theorem | **PC Textbook:** Study pages 356 to 363. Including examples 1 to 5, and take note in your notebook. **Concept:** Introduction to trigonometric functions and angles. |
| **Fridays** | **Start your Weekly quiz;** Teacher will specify questions this time. If you do not attend the Friday class make sure to complete the quiz by 8:00pm. Check the download by Friday morning. | **Start your Weekly quiz;** Teacher will specify questions this time. If you do not attend the Friday class make sure to complete the quiz by 8:00pm. Check the download by Friday morning. |

Vector introduction video: <https://www.youtube.com/watch?v=xJBGfPfE4fQ>

Introduction to Trigonometry : <https://www.youtube.com/watch?v=cMqetVG8vRU>

SOH-CAH-TOA: <https://www.youtube.com/watch?v=X5uFqpypDy4>

Radians and degrees: <https://www.youtube.com/watch?v=wcfkDuFpbiM>

Arithmetic Sequence and series: <https://www.youtube.com/watch?v=-78NmiClcGM&list=PLdTPQ62ogX0YvQR_D7TGjuLaEXcN4Bc6f&index=0>