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| Name: Mrs. Woods | | Grading Quarter: 3 | Week Beginning: 2/10/25 |
| School Year: 24-25 | | Subject: Precalculus | |
| Monday | Notes: | Objective: Students will be able to graph circles. Lesson Overview: Notes – standard vs general form, vertex, radius, tangent examples Circle patterns on Desmos activity | Academic Standards: P.G-GPE.A.3 Derive the equations of ellipses and hyperbolas given the foci, using the fact that the sum or difference of distances from the foci is constant. |
| Tuesday | Notes: | Objective: Students will be able to graph ellipses. Lesson Overview: Notes – standard vs general form, vertices, co-vertices, major vs minor axis | Academic Standards: P.G-GPE.A.3 Derive the equations of ellipses and hyperbolas given the foci, using the fact that the sum or difference of distances from the foci is constant. . |
| Wednesday | Notes: | Objective: Students will be able to graph hyperbolas. Lesson Overview: Notes – standard vs general form, vertices, co-vertices, major vs minor axis, asymptotes | Academic Standards: P.G-GPE.A.3 Derive the equations of ellipses and hyperbolas given the foci, using the fact that the sum or difference of distances from the foci is constant. |
| Thursday | Notes: | Objective: Students will be able to identify conic sections from general and standard equations. Lesson Overview: U6 L1 Quiz Watch “Whispering Gallery” video to discuss application of ellipses | Academic Standards: P.G-GPE.A.3 Derive the equations of ellipses and hyperbolas given the foci, using the fact that the sum or difference of distances from the foci is constant. |
| Friday | Notes: | No school | |