| Name: Mrs. Woods | | Grading Quarter: 3 | Week Beginning: 1/6/25 |
|---|---|---|---|
| School Year: 24-25 | | Subject: AP Calculus AB | |
| Monday | Notes: | No school | |
| Tuesday | Notes: | Objective: Students will be able to calculate a Riemann sum.<br><br>Lesson Overview:<br>Notes – Approximating the area under a curve with rectangles<br>Find left, right, midpoint, and trapezoidal sums | Academic Standards:<br>6.2 Approximating Areas with Riemann Sums 1.F Explain how an approximated value relates to the actual value. |
| Wednesday | Notes: | Objective: Students will be able to write integrals as a limit of a Riemann sum.<br><br>Lesson Overview:<br>Use note guide on Khan Academy to teach how to write integral in sum notation<br>Use matching activity to practice identifying and understanding sum notation<br>Use calculator to find sum with technology | Academic Standards:<br>6.3 Riemann Sums, Summation Notation, and Definite Integral Notation 2.C Identify a re-expression of mathematical information presented in a given representation. |
| Thursday | Notes: | Objective: Students will be able to write integrals as a limit of a Riemann sum.<br><br>Lesson Overview:<br>*Review and finish previous day's lesson* | Academic Standards:<br>6.3 Riemann Sums, Summation Notation, and Definite Integral Notation 2.C Identify a re-expression of mathematical information presented in a given representation. |
| Friday | Notes: | Objective: Students will be able to write integrals as a limit of a Riemann sum.<br><br>Lesson Overview:<br>Reteach/review Wednesday's lesson. | Academic Standards:<br>6.2 Approximating Areas with Riemann Sums 1.F Explain how an approximated value relates to the actual value.<br>6.3 Riemann Sums, Summation Notation, and Definite Integral Notation 2.C Identify a re-expression of mathematical information presented in a given representation. |