

Name: Woods		Grading Quarter: 3	Week Beginning: 2/24/25
School Year: 24-25		Subject: Algebra 2	
Monday	Notes:	<p>Objective: Students will be able to graph logarithmic functions.</p> <p>Lesson Overview: Use workbook examples to show how logs are inverses of exponential functions. Graph parent functions and discuss domain, range, asymptotes, and key features/points.</p>	<p>Academic Standards:</p> <p>F.IF.7 Graph exponential and logarithmic functions, showing intercepts and end behavior, and trigonometric functions, showing period, midline, and amplitude</p>
Tuesday	Notes:	<p>Objective: Students will be able to use log properties.</p> <p>Lesson Overview: Use workbook examples to show how logs can be rewritten, combined, broken apart, etc. Use log properties to solve basic log equations.</p>	<p>Academic Standards:</p> <p>F.IF.7 Graph exponential and logarithmic functions, showing intercepts and end behavior, and trigonometric functions, showing period, midline, and amplitude</p>
Wednesday	Notes:	<p>Objective: Students will be able to use log properties.</p> <p>Lesson Overview: Khan Academy independent practice</p>	<p>Academic Standards:</p> <p>A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.</p> <p>A.SSE.4 Write expressions in equivalent forms to solve problems. Derive the formula for the sum of a finite geometric series (when the common ratio is not 1), and use the formula to solve problems</p>
Thursday	Notes:	<p>Objective: Students will be able to use common logs.</p> <p>Lesson Overview: Use workbook examples to show how the base is 10 when no base is specified. Practice doing log mentally and on a calculator.</p>	<p>Academic Standards:</p> <p>F.IF.7 Graph exponential and logarithmic functions, showing intercepts and end behavior, and trigonometric functions, showing period, midline, and amplitude</p>

Friday	Notes:	<p>Objective: Students will be able to use natural logs.</p> <p>Lesson Overview: Use workbook examples to show how the base is e when using a natural log function. Practice doing log mentally and on a calculator.</p>	<p>Academic Standards:</p> <p>F.IF.7 Graph exponential and logarithmic functions, showing intercepts and end behavior, and trigonometric functions, showing period, midline, and amplitude</p>
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