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| Course: | Pre-Calculus, Honors – Chapter 6: Graphs of Trigonometric Functions |
| Score 4 | In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught. |
| Score 3 | The student will: * Graph all six trigonometric functions, and be able to identify the domain, range, zeros (if applicable), asymptotes (if applicable), etc. for the entire parent functions.
* Graph applications involving sine and cosine functions that involve real-world data. The students will then be able to use sinusoidal functions to solve problems.
* Graph inverse trigonometric functions and find the principal values of inverse trigonometric functions.
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| Score 2 | The student will recognize or recall specific vocabulary, such as:• Sine, Cosine, Tangent, Cosecant, Secant, Cotangent, Domain, Range, Asymptotes, Principal Values, A/arcsin, A/arccos, A/arctanThe student will perform basic processes, such as:• Graph parent trigonometric functions & their inverses• Model real-world data using sine or cosine functions• Understand principal values |
| Score 1 | With help, partial success at score 2.0 content and score 3.0 content |
| Score 0 | Even with help, no success |