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| Course: | Pre-Calculus, Honors – Chapter 3: The Nature of Graphs |
| 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:  Use algebraic tests to determine if the graph of a relation is symmetrical Classify functions as even or odd Determine whether a function is continuous or discontinuous Identify the end behavior of functions Determine whether a function is increasing or decreasing on an interval Graph rational functions Solve problems involving direct, inverse, and joint variation |
| Score 2 | The student will recognize or recall specific vocabulary, such as:• Point symmetry, image point, line symmetry, even functions, odd functions, parent graph, discontinuous function, infinite discontinuity, jump discontinuity, point discontinuity, continuous function, end behavior, rational function, asymptotes, vertical asymptotes, horizontal asymptotes, slant asymptotes, direct variation, constant of variation, inversely proportional, joint variationThe student will perform basic processes, such as:• Identify transformations of simple graphs• Sketch graphs of related functions• Determine vertical, horizontal, and slant asymptotes• Identify whether a relationship is direct, inverse, or joint variation |
| Score 1 | With help, partial success at score 2.0 content and score 3.0 content |
| Score 0 | Even with help, no success |