

Content Area: Math

<b>Strand: Algebraic Relationships</b>	<b>Missouri GLE:</b>
<b>Reporting Topic: Model and solve problems using multiple representations such as graphs, tables, expressions, and linear equations.</b>	A3A
<b>Grade: 7<sup>th</sup></b>	MSA

<b>Score 4.0</b>	<b>In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may:</b> <ul style="list-style-type: none"> <li>Identify nonlinear functions</li> <li>Analyze data on a graph or table.</li> </ul>
	<b>3.5</b> In addition to 3.0 performance, in-depth inferences and applications with partial success.
<b>Score 3.0</b>	<b>The student will:</b> <ul style="list-style-type: none"> <li>Create a graph given a data table.*</li> <li>Create a table from coordinate pairs on a coordinate graph.*</li> <li>Write/solve an equation using a table of data*</li> <li>Write/solve an equation using coordinates of a graph.*</li> <li>Identify if an equation is linear from a table or a graph.</li> </ul> <p><b>The students exhibits no major errors or gaps in the learning goal (complex ideas and processes).</b></p>
	<b>2.5</b> No major errors or gaps in 2.0 content and partial knowledge of 3.0 content.
<b>Score 2.0</b>	<b>The student will:</b> <ul style="list-style-type: none"> <li>Understand basic terminology such as <ul style="list-style-type: none"> <li>Coordinate pair*</li> <li>Coordinate graph*</li> <li>Independent Variable*</li> <li>Dependent Variable*</li> <li>Expression*</li> <li>Equation*</li> <li>Scale*</li> <li>Interval*.</li> </ul> </li> <li>Graph an ordered pair/coordinate pair.*</li> <li>Make a table from a given set of data.*</li> </ul> <p><b>The student exhibits no major errors or gaps in the simpler details and processes.</b></p>
	<b>1.5</b> Partial understanding of the 2.0 content with major errors or gaps in 3.0 content.
<b>Score 1.0</b>	<b>With help, a partial understanding of the 2.0 content and some of the 3.0 content.</b>
	<b>0.5</b> With help, a partial understanding of the 2.0 content and none of the 3.0 content.
<b>Score 0.0</b>	<b>Even with help, no understanding or skill demonstrated.</b>