

Content Area: Math

Strand: Algebraic Relationships	Missouri GLE: A4A
Reporting Topic: Analyze the nature of change (including slope and intercepts) in quantities in linear relationships	DOK 3
Grade: 8th	

Score 4.0	<p>In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may:</p> <ul style="list-style-type: none"> • Apply slope and intercepts to real-life situations • Write equations in slope-intercept form.
	3.5 In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	<p>The student will:</p> <p>Make comparisons between two linear equations using the slope and intercepts of each equation. Given a linear equation, analyze the changes that occur in intercepts of the new equation created by changing the slope. Given a linear equation (not passing through the origin) and its graph, identify the ordered pair on a line parallel which passes through the origin.</p> <p>The student exhibits no major errors or gaps in the learning goal (complex ideas and processes).</p>
	2.5 No major errors or gaps in 2.0 content and partial knowledge of 3.0 content.
Score 2.0	<p>The student will:</p> <p>Given a table, graph or a linear equation identify the slope, the x-intercept and the y-intercept of a line.</p> <p>The student exhibits no major errors or gaps in the simpler details and processes.</p>
	1.5 Partial understanding of the 2.0 content with major errors or gaps in 3.0 content.
Score 1.0	With help, a partial understanding of the 2.0 content and some of the 3.0 content.
	0.5 With help, a partial understand of the 2.0 content and none of the 3.0 content.
Score 0.0	Even with help, no understanding or skill demonstrated.