Content Area: Math

Strand: Number Operations	Missouri GLE:
Reporting Topic: Solve problems involving proportions, such as, scaling and find equivalent ratios.	N3E2 part 2
Grade: 7th	C&S unit

Score 4.0	In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may: • Use proportional reasoning in complex real life situations and/or problems.*
	3.5 In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	**The student will:** • Write equivalent ratios.* • Write a proportion* • Solve proportions by using any of the following ways:* 1) Scaling up or down. 2) Cross Products 3) Algebraically • Find unit rate* • Find missing measurement in a scale drawing or a scale model.* **The students exhibits no major errors or gaps in the learning goal (complex Ideas and processes).**
	2.5 No major errors or gaps in 2.0 content and partial knowledge of 3.0 content.

Score 2.0	**The student will:**
	• Understand basic terminology such as
	    o Ratio*
	    o Rate*
	    o Unit Rate*
	    o Equivalent*
	    o Difference
	    o Percent
	    o Fraction
	    o Scaling*
	    o Proportion*
	• Write ratio in three different ways*
	• Write a ratio and fraction from a data table. *
	• Identify the proportion that would be used to solve a word problem.*
	The student exhibits no major errors or gaps in the simpler details and processes.

	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 understanding of the 2.0 content and none of the 3.0 content.
Score 0.0	**Even with help, no understanding or skill demonstrated.**

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