

EXAMPLE OF PROGRESS TOWARD MASTERY FOR SPECIFIC CONTENT STANDARD

Learning Intention: I am learning that the unit rate dictates the slope of the line and that different proportional relationships can be represented in different ways.				
How will I know when I have it? The following mastery levels will let you know how you are progressing toward this learning goal.				
Content Standard Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways.	Level 4	Level 3	Level 2	Level 1
	Given a real-world situation, I can identify the rate as the slope, use the rate to write an equation of the form $y = kx$, and graph the relationship. I can also compare two relationships based on their slope and provide a rationale for my comparison.	Given a real-world situation, I can identify the rate as the slope, use the rate to write an equation of the form $y = kx$, and graph the relationship. I can also compare two relationships based on their slope and provide a rationale for my comparison. I may have made some minor computation errors. I understand the effect rate has on slope, but I struggle with providing a rationale for comparing two functions.	Given the equation $y = kx$, I can identify the slope and graph the function. I can also choose which relationship has the greater rate given different representations.	Given the equation $y = kx$, I can identify the slope and graph the function. I struggle with comparing two functions based on their slope.
				I do not understand that unit rate is the slope of a function, and I struggle to graph based on the slope.

Source: Ashley Norris, Mathematics Teacher, Columbia County Public Schools, Georgia