

Note: "Strategy" refers to any method that could lead to the correct answer. Students may use a correct strategy and still get an incorrect answer.

Note: Writing labels is important to stress during instruction. However, for the purpose of this assessment, students do not lose credit when the label is missing.

Objective/Needs	Solutions		
NY-6.RP.3d – Use ratio reasoning to convert measurement units; manipulate and transform units appropriately when multiplying or dividing quantities. 1-Award 1 point for the correct answer	<ol> <li>There are 4 quarters in dollar. Which proportion could be used to convert 25 dollars into guarters?</li> </ol>		
	<ul> <li>A 4/25= x/25</li> <li>B 1/4 = x/25</li> <li>C 25/1 = 4/x</li> <li>D 4/1 = x/25</li> </ul>	ANSWER: D STRATEGIES: Think about the relationsh between quarters and dollars. Use the wo set up a ratio for dimes to dollars. Try eac answer. Dollars = OR Quarters =	ip rds to h
NY-6.RP.3c – Find a percent of a quantity as a rate per 100. Solve problems that involve finding the whole given a part and the percent, and finding a part of a whole given the percent. 2-Award 1 point for <i>both</i> the correct answer and showing a reasonable strategy	<ul> <li>2. Mr. Sanchez bought a bag of seed. He planted 33% of the seeds from the bag, and he still had 12.5 pounds of seed left to plant. How many pounds of seed were in the full bag? Show your work.</li> <li>ANSWER: 66% or 67% (depending on strategy used)</li> <li>STRATEGIES: Draw diagram to portion the "bag" into percents used or not used. Understand that the whole equals 100% so can add up or subtract to find the percent not used. 33% + x = 100% OR 100% - 33% = x. OR can recognize the equivalence of 33% to 1/3 and deduce that 2/3 were not used. The standard percent for 2/3 equals 66%.</li> </ul>		
	Used	Not used	
	0% 33	3% 100%	



