

Modifying Assessments – Grade 4

Directions: Modify this low cognitive demand problem to a higher cognitive demand problem. Show the new problem on the right and explain your strategy or strategies you used to modify the problem on the left.

LOW cognitive demand problem	HIGH cognitive demand problem
<p>2. Jonathan lives $\frac{7}{8}$ of a mile from school. This morning he has walked $\frac{1}{4}$ of a mile. How far is he from school?</p> <p>a. $\frac{1}{4}$ mi b. $\frac{1}{8}$ mi c. 1 mi d. $\frac{5}{8}$ mi</p>	

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<p>3. Kelly made a pot of chili. The recipe called for $\frac{1}{4}$ cup of green peppers and $\frac{1}{3}$ cup of red peppers. What is the total amount of peppers in the chili?</p>	

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<p>5. Mrs. Ford bought $\frac{1}{4}$ of a yard of red ribbon and $\frac{6}{8}$ of a yard of green ribbon. How much more green ribbon than red ribbon did Mrs. Ford buy?</p>	

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<p>7. Kim and Jose shared one whole pizza. Kim ate $\frac{4}{6}$ of the pizza. Jose ate $\frac{3}{12}$ of the pizza. How much of the pizza was eaten?</p>	