

**Rubric for Performance Task**

Learning Outcomes (List standards from above plus any other desired outcomes)	Novice	Meeting	Expert	Comments	Score
Student represents fractions in simplest form and improper fractions as mixed numbers	<p>Student identifies fewer than 14 fractions in the recipes and/or needs teacher assistance.</p> <p>Fewer than 14 fractions or improper fractions are represented in their simplest form or as a mixed number.</p>	<p>Students identifies 14-17 of the 18 fractions in the recipes.</p> <p>14-17 fractions or improper fractions are represented in their simplest form or as a mixed number.</p>	<p>Student identifies the 18 fractions in the recipes without teacher assistance.</p> <p>All eighteen fractions or improper fractions are represented in their simplest form or as a mixed number.</p>		
4.3D compare two fractions with different numerators and different denominators and represent the comparison using the symbols $>$ , $=$ , or $<$ ;	The five ingredients are not correctly listed from least to greatest.	One of the five ingredients is not correctly placed on the number line from least to greatest.	All five ingredients are correctly placed on the number line from least to greatest.		
4.1D communicate mathematical ideas, reasoning, and their implications using language as appropriate	Student is unable to explain why they placed the ingredients on the number line in the way that they did or student's mathematical thinking is inaccurate.	Students uses words and/or pictures to begin to explain the relationship between the amounts of the ingredients.	Student accurately and completely explains the mathematical relationship between the amounts of all five ingredients.		
4.3E solve addition of fractions	Purchase Order #1 contains 3 or more errors adding fractions.	Purchase Order #1 contains 1 or 2 errors adding fractions	All fractions are added accurately on Purchase Order #1		
4.3E solve subtraction of fractions	Purchase Order #2 contains 3 or more errors subtracting fractions	Purchase Order #2 contains 1 or 2 errors subtracting fractions	All fractions are subtracted accurately on Purchase Order #2		