

**Chapter
9**
Performance Task (continued)

Rubric

Specialty Breakfast Bars	Points
1. 120 cm^3	2 Correct volume
2. 30 cm^3	2 Correct volume
3. 172 cm^3	2 Correct volume
4. 516 cm^3	2 Correct volume
5. no; The volume of each bar is 120 cubic centimeters. So, the two bars contain the same amount of food.	4 Thoughtful response that references calculations 2 Well-written response without reference to calculations 1 Poorly written response without reference to calculations
6. the bar on the right; The surface area of the bar on the left is 168 square centimeters. The surface area of the bar on the right is 180 square centimeters. So, the bar on the right requires more yogurt because it has a greater surface area.	4 Thoughtful response that references calculations 2 Well-written response without reference to calculations 1 Poorly written response without reference to calculations
Mathematical Practices: Solve problems carefully and accurately. Students will calculate volumes and surface areas of prisms.	4 The student uses problem-solving skills, references appropriate calculations, and provides acceptable explanations. Award partial credit as needed.
Total Points	20 points