

Problem-Solving Practice**Multiply Fractions****COOKING** For Exercises 1 and 2, use the recipe for chocolate frosting.

Chocolate Frosting Recipe
$\frac{1}{3}$ cup butter
2 ounces melted unsweetened chocolate
2 cups powdered sugar
$\frac{1}{2}$ teaspoon vanilla
2 tablespoons milk

<p>1. Georgia wants to cut the recipe for chocolate frosting in half for a small cake that she is making. How much of each ingredient will she need?</p>	<p>2. Suppose Georgia wanted to double the recipe; what would be the measurements for each ingredient?</p>
<p>3. COMPUTERS $\frac{1}{5}$ of today's college students began using computers between the ages of 5 and 8. If a college has 3,500 students, how many of the students began using computers between the ages of 5 and 8?</p>	<p>4. EXERCISE A paper published in a medical journal reported that about $\frac{11}{25}$ of girls ages 16 to 17 do not exercise at all. The entire study consisted of about 2,500 girls. About how many did not exercise?</p>
<p>5. ANIMALS Catherine walks her dog $\frac{3}{4}$ mile every day. How far does she walk each week?</p>	<p>6. MUSIC If you practice a musical instrument each day for $\frac{2}{3}$ of an hour, how many hours of practice would you get in each week?</p>