

Part 6 Food for Thought

Solve the following problems. You may use any of the tools you have used in class such as calculators, drawings, circle pieces or resources from the *Student Guide Reference* section. Show your solutions.

1. **A.** If three friends split $1\frac{1}{2}$ pizzas evenly, how much of a whole pizza will each person eat?

B. If six friends split $1\frac{1}{2}$ pizzas, how much of a whole pizza will each person eat?

2. Michael's father made a pumpkin pie. Michael and his brother couldn't wait until after dinner to eat the pie. Michael ate $\frac{1}{8}$ of the pie. His brother ate $\frac{1}{4}$ of the pie. What fraction of the whole pie was left for dessert after dinner?

3. Ana is making nut bread for a bake sale. The recipe for one loaf of bread calls for $\frac{3}{4}$ cup of nuts. If she wants to make 5 loaves of bread, how many cups of nuts does she need?

4. David is making orange punch. He combines $5\frac{1}{4}$ cups of orange juice with $2\frac{2}{3}$ cups of sparkling water. Can he pour all the punch into a 2-quart pitcher? Why or why not? (1 quart = 4 cups)