Fractions in Division
Checking for Understanding

1. Jane really likes cake. She decides that a serving should be $\frac{3}{5}$ of a cake. She has 4 cakes. How many servings does she have?

   a. Solve the problem by using a diagram.

   b. Solve the problem by writing an arithmetic sentence.

   c. How does your arithmetic sentence match the diagram?

   d. After 6 portions are eaten, how much is left?

   e. Why is the answer to the division problem $6\frac{2}{3}$ rather than $6\frac{2}{5}$?

2. Write a real life story that demonstrates the division of fractions. Draw a diagram to illustrate your story and an arithmetic sentence to match the diagram.