Name

Enrichment 12-4

Cooking Up Fractions

1. A brownie recipe calls for $\frac{2}{3}$ cup of chocolate chips for each pan of brownies. Nadine has 1 cup of chips. Does she have enough chocolate chips to make 2 pans of brownies? Explain.

2. In the question above, if Nadine's neighbor gave her 2 cups of chocolate chips, would she have enough chocolate chips to make 3 pans of brownies? Explain.

- **3.** Tim's oatmeal cookie recipe calls for $\frac{7}{12}$ of a cup of oatmeal. Tim only has $\frac{5}{12}$ of a cup of oatmeal. How much more oatmeal does he need to make the cookies?
- **4.** There are 14 cake decorations in a box: $\frac{7}{14}$ are ballerinas, $\frac{3}{14}$ clowns, and $\frac{4}{14}$ pandas. Jacob takes 2 of the decorations. What fraction of decorations are left in the box?
- **5.** Tanya baked 12 cheesecakes. She will garnish each with fresh fruit: $\frac{3}{12}$ with strawberries, $\frac{6}{12}$ with blueberries, and $\frac{3}{12}$ with cherries. After Tanya garnishes 3 of the cheesecakes, what fraction of cheesecakes remain to be garnished with fruit?
- 6. The Bluebell Cooking School's cake decorating class is $\frac{4}{10}$ full. What fraction of the class is still open to students? Show your work.

