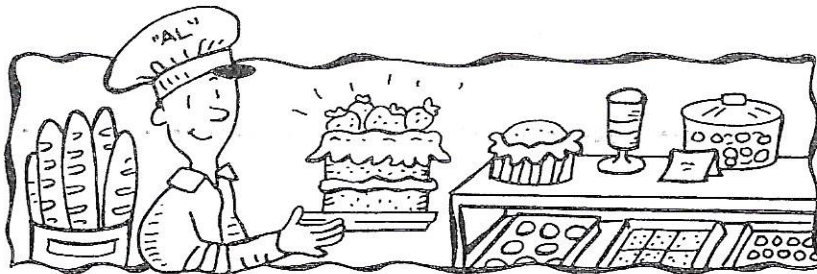


# Uncle Al's Bakery

All Operations  
with Fractions

Danielle works in Uncle Al's bakery every Saturday. She has found that understanding fractions helps her with her work. Solve the problems.

Simplify all answers.



**1** Uncle Al baked brownies in a rectangular pan. He cut the brownies into 72 equal pieces and offered them as samples to his customers. By 9 A.M.,  $\frac{3}{4}$  of the brownies had been eaten. How many brownies were left?

**2** Uncle Al asked Danielle to package 48 chocolate chip cookies. She wrapped  $\frac{2}{3}$  of them in the morning and then went to lunch. How many cookies did she have to wrap when she returned?

**3** To make his special apple turnovers, Uncle Al used  $7\frac{1}{4}$  cups of apples. To make his special apple pie, he used  $5\frac{1}{2}$  cups of apples. How many cups of apples did he use in all?

**4** Uncle Al's recipe for pumpkin bread requires  $2\frac{1}{4}$  cups of pumpkin. He has 12 cups of pumpkin. How many complete loaves of pumpkin bread can he bake?

How much pumpkin is left over?

How much more pumpkin does he need to make one more loaf of pumpkin bread?

**5** When the bakery opened, Uncle Al had 120 oatmeal cookies. He sold  $\frac{1}{3}$  of the total in the morning and  $\frac{1}{2}$  in the afternoon. How many oatmeal cookies were left at the end of the day?

**6** A biscuit recipe requires  $1\frac{3}{4}$  cups of biscuit mix and  $\frac{3}{4}$  cup of Uncle Al's secret biscuit ingredient. These amounts will make two biscuits. Uncle Al asked Danielle to prepare enough mix for a dozen biscuits. How much biscuit mix and how much of the secret ingredient will she need?

**7** Uncle Al's recipe for cupcakes calls for making 24 dozen. After selling  $\frac{7}{8}$  of the cupcakes, he got an order for 4 dozen more. Did he have enough cupcakes to fill the order? Explain.