## EXAMPLE

## MAIN IDEA

 Solve problems by acting them out.

PIES Darnell and Ayana bought  $8\frac{1}{4}$  pounds of peaches. Each pie requires  $1\frac{1}{3}$  pounds of peaches. How many pies can Darnell and Ayana make?

**UNDERSTAND** You know they have

pounds of peaches

and each pie requires

pounds. You need

to determine how many pies they can make.

**PLAN** 

Using a scale, find or create something that weighs approximately  $1\frac{1}{3}$  pounds. Keep adding  $1\frac{1}{3}$ -pound items to the scale until the total weight is as close to  $8\frac{1}{4}$  pounds as possible without going over.

**SOLVE** 

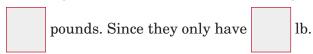
$$1\frac{1}{3} + 1\frac{1}{3} + 1\frac{1}{3} + 1\frac{1}{3} + 1\frac{1}{3} + 1\frac{1}{3} =$$
 lb.

Six  $1\frac{1}{3}$ -pound items weigh

Seven  $1\frac{1}{3}$ -pound items would weigh more than  $8\frac{1}{4}$  pounds, so they have enough peaches to make pies.

**CHECK** 

Seven  $1\frac{1}{3}$ -pound items would weigh  $8 + 1\frac{1}{3}$  or



of peaches, they do not have enough to make 7 pies.

## **HOMEWORK ASSIGNMENT**

Page(s):

**Exercises:** 

Check Your Progress LEMONADE Isabel plans to fill a pitcher that holds  $7\frac{2}{3}$  cups with lemonade. Each glass she will use to serve the lemonade holds  $1\frac{2}{5}$  cups. How many guests can she serve lemonade to if each guest has one glass full?