

## Problem Set

Solve.

1.  $\frac{15}{16}$  is 1 sixteenth groups of what size?
2.  $\frac{7}{8}$  teaspoons is  $\frac{1}{4}$  groups of what size?
3. A 4-cup container of food is  $\frac{2}{3}$  groups of what size?
4. Write a partitive division story problem for  $6 \div \frac{3}{4}$ .
5. Write a partitive division story problem for  $\frac{5}{12} \div \frac{1}{6}$ .
6. Fill in the blank to complete the equation. Then, find the quotient, and draw a model to support your solution.
  - a.  $\frac{1}{4} \div 7 = \frac{1}{\square} \text{ of } \frac{1}{4}$
  - b.  $\frac{5}{6} \div 4 = \frac{1}{\square} \text{ of } \frac{5}{6}$
7. There is  $\frac{3}{5}$  of a pie left. If 4 friends wanted to share the pie equally, how much would each friend receive?
8. In two hours, Holden completed  $\frac{3}{4}$  of his race. How long will it take Holden to complete the entire race?
9. Sam cleaned  $\frac{1}{3}$  of his house in 50 minutes. How many hours will it take him to clean his entire house?
10. It took Mario 10 months to beat  $\frac{5}{8}$  of the levels on his new video game. How many years will it take for Mario to beat all the levels?
11. A recipe calls for  $1\frac{1}{2}$  cups of sugar. Marley only has measuring cups that measure  $\frac{1}{4}$  cup. How many times will Marley have to fill the measuring cup?