Lesson 6: More Division Stories

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 $6÷\frac{3}{4}$.
5. Write a partitive division story problem for $\frac{5}{12}÷\frac{1}{6}$.
6. Fill in the blank to complete the equation. Then, find the quotient, and draw a model to support your solution.
	1. $\frac{1}{4}÷7=\frac{1}{□} $of $\frac{1}{4}$
	2. $\frac{5}{6}÷4=\frac{1}{□}$ 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?