Lesson 5: Creating Division Stories

Problem Set

Solve.

1. How many sixteenths are in $\frac{15}{16}$?
2. How many $\frac{1}{4}$ teaspoon doses are in $\frac{7}{8}$ teaspoon of medicine?
3. How many $\frac{2}{3}$ cups servings are in a $4$ cup container of food?
4. Write a measurement division story problem for $6÷\frac{3}{4}$.
5. Write a measurement 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. $\frac{1}{2}÷5=\frac{1}{☐}$ of $\frac{1}{2}$ b. $\frac{3}{4}÷6=\frac{1}{☐}$ of $\frac{3}{4}$
7. $\frac{4}{5}$ of the money collected from a fundraiser was divided equally among $8$ grades. What fraction of the money did each grade receive?
8. Meyer used $6$ loads of gravel to cover $\frac{2}{5}$ of his driveway. How many loads of gravel will he need to cover his entire driveway?
9. An athlete plans to run $3$ miles. Each lap around the school yard is $\frac{3}{7}$ mile. How many laps will the athlete run?
10. Parks spent $\frac{1}{3}$ of his money on a sweater. He spent $\frac{3}{5}$ of the remainder on a pair of jeans. If he has $\$36$ left, how much did the sweater cost?