

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Dividing Fractions Assignment

Math 6

Draw a model to solve.

1. How many units of  $\frac{1}{5}$  can you see in  $\frac{3}{5}$ ?

2. How many units of  $\frac{3}{7}$  can you see in  $\frac{6}{7}$ ?

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3. How many units of  $\frac{2}{5}$  can you see in  $\frac{6}{5}$ ?

4. How many units of  $\frac{2}{3}$  can you see in  $\frac{3}{4}$ ?

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5. How many units of  $\frac{3}{4}$  can you see in  $\frac{6}{2}$ ?

Find each quotient.

6.  $\frac{1}{6} \div \frac{7}{6} =$

7.  $\frac{2}{7} \div \frac{1}{7} =$

8.  $\frac{5}{9} \div \frac{2}{9} =$

9.  $\frac{4}{3} \div \frac{4}{3} =$

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10.  $\frac{2}{11} \div \frac{13}{22} =$

11.  $\frac{6}{7} \div \frac{2}{14} =$

12.  $\frac{11}{3} \div \frac{33}{9} =$

13.  $\frac{1}{27} \div \frac{4}{9} =$

14.  $\frac{2}{16} \div \frac{5}{8} =$

15.  $\frac{6}{23} \div \frac{3}{46} =$

16.  $\frac{12}{49} \div \frac{4}{7} =$

17.  $\frac{9}{64} \div \frac{3}{16} =$

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Solve each problem.

18. John is cutting a roll biscuit dough into slices that a  $\frac{2}{7}$  inch thick. If the roll is  $2\frac{2}{7}$  inches long, how many slices can he cut?
19. How many halves are there in seven-fourth?
20. A cookie factory uses  $\frac{1}{4}$  of a bag of flour in each batch of cookies.  
The factory used  $\frac{3}{4}$  of a bag of flour yesterday.  
How many batches of cookies did the factory make?