

Name _____

Model Fraction Division

COMMON CORE STANDARD CC.6.NS.1

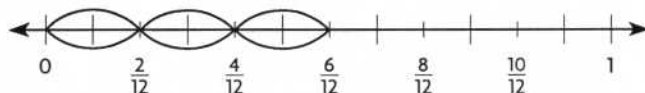
Apply and extend previous understandings of multiplication and division to divide fractions by fractions.

Use the model to find the quotient.

1. $\frac{1}{4} \div 3 = \frac{1}{12}$



2. $\frac{1}{2} \div \frac{2}{12} =$ _____



Use fraction strips to find the quotient.

3. $\frac{5}{6} \div \frac{1}{2}$

4. $\frac{2}{3} \div 4$

5. $\frac{1}{2} \div 6$

6. $\frac{1}{3} \div \frac{1}{12}$

Use a number line to find the quotient.

7. How many $\frac{1}{12}$ -pint servings of pecans are in $\frac{5}{6}$ pint of pecans?

8. If Jerry runs $\frac{1}{10}$ mile each day, how many days will it take for him to run $\frac{4}{5}$ mile?

Problem Solving **REAL WORLD**

9. Mrs. Jennings has $\frac{3}{4}$ gallon of paint for an art project. She plans to divide the paint equally into jars. If she puts $\frac{1}{8}$ gallon of paint into each jar, how many jars will she use?

10. If one jar of glue weighs $\frac{1}{12}$ pound, how many jars can Rickie get from $\frac{2}{3}$ pound of glue?
