Model Fraction Division

Use the model to find the quotient.

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

$\boxed{\dfrac{1}{4}}$

$\boxed{\dfrac{1}{12}}\boxed{\dfrac{1}{12}}\boxed{\dfrac{1}{12}}$
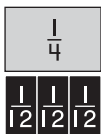
2. $\dfrac{1}{2} \div \dfrac{2}{12} =$ _____
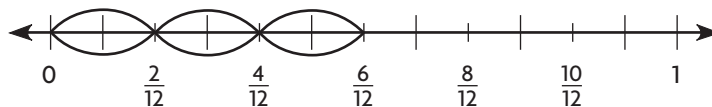
Use fraction strips to find the quotient.

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

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

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

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

Use a number line to find the quotient.

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

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

![Problem Solving Real World]

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

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