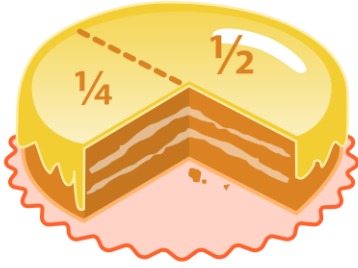


Name \_\_\_\_\_

Period \_\_\_\_\_



### Word Problems: Dividing a Fraction by a Fraction

- 1) Jade has a  $\frac{1}{2}$  pound of chocolate. She decided to divide the chocolate into pieces that are  $\frac{1}{4}$  pound each. How many pieces could she make?
  
  
  
  
  
  
  
  
  
  
- 2) Ken has  $\frac{3}{4}$  of a pizza. If he wants to divide his pizza into  $\frac{1}{8}$  slice servings. How many servings can he make?
  
  
  
  
  
  
  
  
  
  
- 3) Darcy's hair grew  $\frac{2}{3}$  of an inch in  $\frac{3}{7}$  of a month. At what rate did Darcy's hair grow per month?

4) Michael drinks  $\frac{1}{3}$  of a water bottle in  $\frac{1}{8}$  of a minute.  
How much water did he drink?

5) Janice will swim  $\frac{3}{5}$  of a lap in  $\frac{1}{6}$  of a minute. How many  
laps can she swim per minute?

6) Alison uses  $\frac{1}{4}$  of a cup of oil to make  $\frac{1}{3}$  of a cake. How  
many ounces of oil are needed to make one cake?