Name _____

## Divide Fractions

**Estimate. Then write the quotient in simplest form.**

**1.** $5 \div \frac{1}{6}$　　　**2.** $\frac{1}{2} \div \frac{1}{4}$　　　**3.** $\frac{4}{5} \div \frac{2}{3}$　　　**4.** $\frac{14}{15} \div 7$

## Estimate: 30

$$= 5 \times \frac{6}{1}$$
$$= \frac{30}{1}$$
$$= 30$$

**5.** $\frac{2}{5} \div \frac{7}{10}$　　　**6.** $\frac{5}{9} \div \frac{5}{7}$　　　**7.** $4 \div \frac{4}{5}$　　　**8.** $1 \div \frac{3}{4}$

**9.** $8 \div \frac{1}{3}$　　　**10.** $\frac{12}{21} \div \frac{2}{3}$　　　**11.** $\frac{5}{6} \div \frac{5}{12}$　　　**12.** $\frac{5}{8} \div \frac{1}{2}$

**13.** Joy ate $\frac{1}{4}$ of a pizza. If she divides the rest of the pizza into pieces equal to $\frac{1}{8}$ pizza for her family, how many pieces will her family get?

**14.** Hideko has $\frac{3}{5}$ yard of ribbon to tie on balloons for the festival. Each balloon will need $\frac{3}{10}$ yard of ribbon. How many balloons can Hideko tie with ribbon?

## Problem Solving REAL WORLD

**15.** Rick knows that 1 cup of glue weighs $\frac{1}{18}$ pound. He has $\frac{2}{3}$ pound of glue. How many cups of glue does he have?

**16.** Mrs. Jennings had $\frac{5}{7}$ gallon of paint. She gave $\frac{1}{7}$ gallon each to some students. How many students received paint if Mrs. Jennings gave away all the paint?