Lesson 5.4C ~ Dividing Fractions

Name_____ Period_____ Date_____

Solve each problem by finding the two fractions that work.

1. The sum of two fractions is 1. The product of these fractions is $\frac{3}{16}$. The two fractions have the same denominator. What are the two fractions?

2. The difference of two fractions is $\frac{1}{3}$. The sum of these two fractions is 1. The quotient of the larger fraction divided by the smaller fraction is 2. What are the two fractions?

3. The product of two fractions is $\frac{4}{25}$. The quotient of the larger fraction divided by the smaller fraction is 4. What are the two fractions?

4. The sum of two fractions is $\frac{3}{4}$. The quotient of the smaller fraction divided by the larger fraction is $\frac{1}{2}$. What are the two fractions?

5. The product of two fractions is $\frac{1}{9}$. The quotient when you divide one fraction by the other is 1. What are the two fractions?

6. The product of two fractions is $\frac{2}{15}$. The quotient when you divide the smaller fraction by the larger fraction is $\frac{5}{6}$. The sum of the two fractions is $\frac{11}{15}$. What are the two fractions?