Name\_\_\_\_\_

## Reteaching Page 5.1 Multiplying Fractions

To multiply fractions, multiply the numerators then multiply the denominators. Finish the problem by simplifying your product.

 $\frac{9}{12} * \frac{4}{7} = \frac{36}{84}$  notice that 9 \* 4 = 36notice that 12 \* 7 = 84Now we simplify our product.

 $\frac{36}{84} \div \frac{12}{12} = \frac{3}{7}$ 

Sometimes we can simplify first to make the problem a little easier. We look at the numerators and denominators to see if we can remove a common factor first.

$$\frac{1}{7}$$
 \*  $\frac{21}{25}$  =

Look at the 1 and 25. They have no common factor so we leave them alone. However... the 7 and 21 have a GCF of 7. Let's divide **both** by the 7 before we multiply.

$$\begin{array}{c} 3 \\ 1 \\ 7 \\ 7 \\ 1 \end{array} \text{ of } \begin{array}{c} \frac{21}{25} \\ 25 \\ 1 \end{array} = \begin{array}{c} 3 \\ 25 \\ 25 \end{array}$$

Try both styles for the following problems.



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