

**Using Fraction Tiles  
For Multiplying and Dividing Fractions**

Name \_\_\_\_\_



Use the Fraction Tiles, sketches, mathematics symbols, and words to model each problem. Write words in the blank parentheses to represent those problems.

1a.  $\frac{1}{4} \times 3$  (How much is one-fourth added 3 times?)

1b.  $\frac{3}{4} \div \frac{1}{4}$  (How many one-fourths in  $\frac{3}{4}$ ?)

2a.  $\frac{2}{3} \times 2$  (How much is \_\_\_\_\_ added 2 times?)

2b.  $1\frac{1}{3} \div \frac{2}{3}$  (How many \_\_\_\_\_ in \_\_\_\_\_)

3a.  $1\frac{2}{10} \times 2$  (How much is  $1\frac{2}{10}$  added \_\_\_\_ times?)

3b.  $2\frac{2}{5} \div 1\frac{2}{10}$  (How many  $1\frac{2}{10}$  in \_\_\_\_?)

4a.  $\frac{1}{2} \times \frac{1}{2}$  (How much is \_\_\_\_\_ added \_\_\_\_\_ time?)

4b.  $\frac{1}{4} \div \frac{1}{2}$  (How many \_\_\_\_\_ in \_\_\_\_\_?)

5a.  $\frac{1}{2} \times \frac{1}{3}$  (How much is \_\_\_\_\_ added \_\_\_\_\_ time?)

5b.  $\frac{1}{6} \div \frac{1}{3}$  (How many \_\_\_\_\_ in \_\_\_\_\_?)

Write three problems of your own on the back. Be sure you sketch, label and draw to represent each. Find the answer to each using an algorithm.