

Name: \_\_\_\_\_

Date: \_\_\_\_\_



# GENIUSCHALLENGE

## MULTIPLYING FRACTIONS BY WHOLE NUMBERS

1. Find each product. Write the product as a whole number or mixed number or fraction in simplest form.

a.  $3 \times \frac{1}{7}$

b.  $2 \times \frac{3}{12}$

c.  $6 \times \frac{4}{8}$

d.  $5 \times \frac{4}{3}$

e.  $7 \times \frac{3}{12}$

f.  $10 \times \frac{5}{8}$

2. Find the missing number in each equation.

a.  $\underline{\quad} \times \frac{2}{5} = \frac{12}{5}$

b.  $3 \times \frac{\quad}{7} = \frac{15}{7}$

3. Terrence drinks  $\frac{1}{3}$  cup of water for each kilometer he runs. How much water does Terrence drink on a 15-kilometer run?

4. Marissa uses  $\frac{3}{4}$  pound of butter to make 12 pastries. How much butter would she need to make 36 pastries?