

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

## Fractions of Groups

Find the product of each pair of fractions. Simplify your answers when possible.

a. What is  $\frac{1}{3}$  of  $\frac{1}{4}$  ?

$$\frac{1}{3} \times \frac{1}{4} =$$

b. What is  $\frac{1}{3}$  of  $\frac{7}{8}$  ?

$$\frac{1}{3} \times \frac{7}{8} =$$

c. What is  $\frac{3}{4}$  of  $\frac{3}{7}$  ?

$$\frac{3}{4} \times \frac{3}{7} =$$

d.  $\frac{1}{2} \times \frac{2}{8} =$

e.  $\frac{1}{3} \times \frac{2}{7} =$

f.  $\frac{5}{5} \times \frac{1}{5} =$

g.  $\frac{3}{9} \times \frac{3}{4} =$

h.  $\frac{1}{4} \times \frac{1}{4} =$

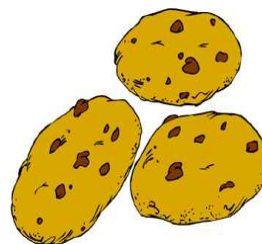
i.  $\frac{5}{10} \times \frac{6}{10} =$

j.  $\frac{2}{12} \times \frac{1}{2} =$

k.  $\frac{2}{6} \times \frac{1}{2} =$

l.  $\frac{1}{4} \times \frac{4}{7} =$

- k. Jacob is baking chocolate chip cookies. The recipe uses  $\frac{3}{4}$  cup of sugar. Jacob wants to make one-half of a batch. How many cups of sugar does he need? \_\_\_\_\_



- m. In the fridge, Hannah had  $\frac{2}{3}$  of a quart of milk. She used half of this milk when she had breakfast cereal. How much milk did she use? \_\_\_\_\_



# **ANSWER KEY**

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