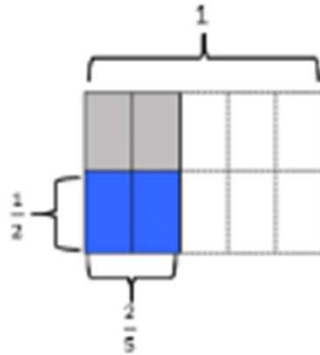# Multiply Fractions Worksheets

1. Solve. Draw a rectangular fraction model to explain your thinking. Then, write a number sentence. An example has been done for you.

   Example:

   $\frac{1}{2}$ of $\frac{2}{5}$ =

   $\frac{1}{2} \times \frac{2}{5} = \frac{2}{10} = \frac{1}{5}$

   a. $\frac{1}{3}$ of $\frac{3}{4}$ =

   b. $\frac{1}{2}$ of $\frac{4}{5}$ =

   c. $\frac{1}{2}$ of $\frac{2}{2}$ =

   d. $\frac{2}{3}$ of $\frac{1}{2}$ =

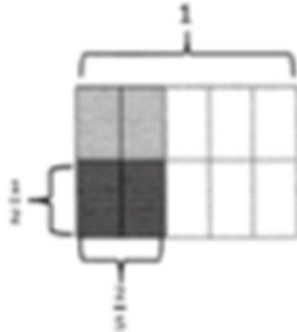   e. $\frac{1}{2} \times \frac{3}{5}$ =

   f. $\frac{2}{3} \times \frac{1}{4}$ =

Multiply Fractions Worksheets

1. Solve. Draw a rectangular fraction model to explain your thinking. Then, write a number sentence. An example has been done for you.
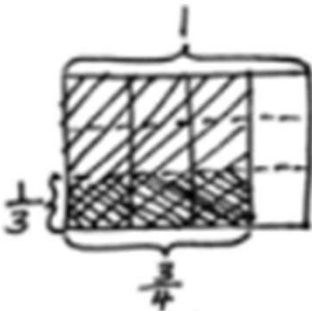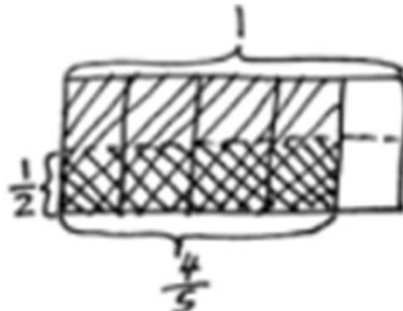
Example:

$\frac{1}{2}$ of $\frac{2}{5}$ =

$$\frac{1}{2} \times \frac{2}{5} = \frac{2}{10} = \frac{1}{5}$$
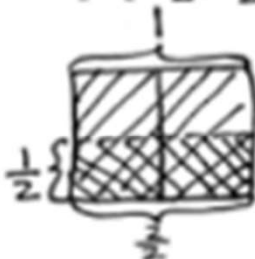
a. $\frac{1}{3}$ of $\frac{3}{4}$ =

$$\frac{1}{3} \times \frac{3}{4} = \frac{3}{12}$$
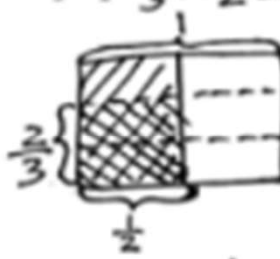$$= \frac{1}{4}$$

b. $\frac{1}{2}$ of $\frac{4}{5}$ =

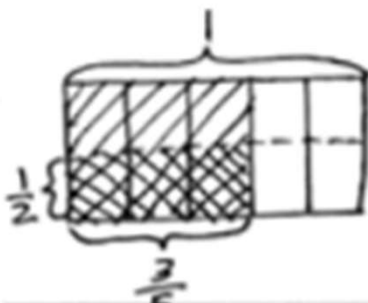$$\frac{1}{2} \times \frac{4}{5} = \frac{4}{10}$$
$$= \frac{2}{5}$$

c. $\frac{1}{2}$ of $\frac{2}{2}$ = $\frac{1}{2} \times \frac{2}{2} = \frac{2}{4} = \frac{1}{2}$

d. $\frac{2}{3}$ of $\frac{1}{2}$ = $\frac{2}{3} \times \frac{1}{2} = \frac{2}{6} = \frac{1}{3}$

e. $\frac{1}{2} \times \frac{3}{5} = \frac{3}{10}$

f. $\frac{2}{3} \times \frac{1}{4} = \frac{2}{12} = \frac{1}{6}$

Go to onlinemathlearning.com for more free math resources