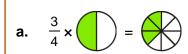
## **Multiply Fractions by Fractions**

1. You get a certain <u>part of the leftover</u> pizza. How much? Write a multiplication sentence. Shade the answer picture.



 $\mathbf{b.} \quad \frac{2}{3} \times \bigcirc = \bigcirc$ 



 $\mathbf{d.} \quad \frac{2}{3} \times \bigcirc = \bigcirc$ 

$$e. \quad \frac{2}{5} \times \bigcirc = \bigcirc$$

f.  $\frac{2}{3} \times \bigcirc$  =

g. 
$$\frac{5}{6} \times \bigcirc$$
 =

 $h. \qquad \frac{4}{5} \times \bigcirc \bigcirc = \bigcirc$ 

2. Multiply. Remember to always give your answer in lowest terms (simplified) and as a mixed number, if possible.

**a.** 
$$\frac{3}{9} \times \frac{2}{9}$$

**b.** 
$$\frac{11}{12} \times \frac{1}{6}$$

**c.** 
$$8 \times \frac{3}{13}$$

**d.** 
$$9 \times \frac{2}{3}$$

**e.** 
$$\frac{2}{9} \times 8$$

**f.** 
$$10 \times \frac{5}{7}$$

**g.** 
$$\frac{3}{4} \times \frac{7}{8}$$

**h.** 
$$\frac{7}{10} \times \frac{6}{5}$$

i. 
$$\frac{9}{20} \times \frac{4}{5}$$

3. Find the missing factor.

a. 
$$\times \frac{6}{7} = \frac{1}{7}$$

**b.** 
$$\times \frac{1}{4} = \frac{5}{16}$$

**c.** 
$$\times \frac{3}{8} = \frac{1}{16}$$

**d.** 
$$\times \frac{2}{5} = \frac{3}{10}$$