

# Multiply Fractions by Fractions

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

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

b.  $\frac{2}{3} \times \frac{1}{2} =$  

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

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

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

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

g.  $\frac{5}{6} \times \frac{1}{2} =$  

h.  $\frac{4}{5} \times \frac{1}{2} =$  

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