

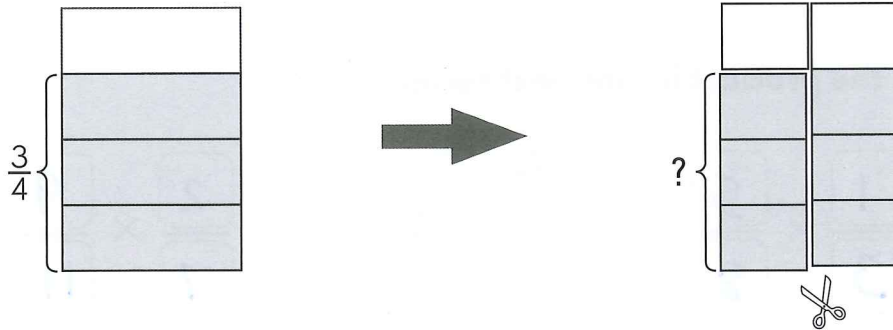
Chapter **4**

Multiplying and Dividing Fractions and Mixed Numbers

Practice 1 Multiplying Proper Fractions

Complete.

1.



$$\frac{1}{2} \text{ of } \frac{3}{4} = \frac{1}{2} \times \frac{3}{4}$$

$$= \frac{3}{8}$$

Multiply. Express the product in simplest form.

2. $\frac{3}{8} \times \frac{1}{2} = \frac{3}{16}$

3. $\frac{5}{12} \times \frac{7}{8} = \frac{35}{96}$

Multiply. Express the product in simplest form.

4. $\frac{2}{11} \times \frac{7}{12} = \frac{7}{66}$

5. $\frac{3}{8} \times \frac{4}{9} = \frac{1}{6}$

Complete. Express the product in simplest form.

6. $\frac{1}{3}$ of $\frac{5}{8} = \frac{1}{3} \times \frac{5}{8}$
 $= \frac{5}{24}$

7. $\frac{2}{7}$ of $\frac{9}{11} = \frac{2}{7} \times \frac{9}{11}$
 $= \frac{18}{77}$

8. $\frac{2}{5}$ of $\frac{7}{10} = \frac{2}{5} \times \frac{7}{10}$
 $= \frac{1}{5} \times \frac{7}{5}$
 $= \frac{1}{5} \times \frac{7}{5}$
 $= \frac{7}{25}$

9. $\frac{3}{4}$ of $\frac{8}{9} = \frac{3}{4} \times \frac{8}{9}$
 $= \frac{1}{4} \times \frac{8}{3}$
 $= \frac{1}{1} \times \frac{2}{3}$
 $= \frac{2}{3}$