

Fraction and Whole Number Multiplication

Find the product. $3 \times \frac{5}{6}$

$$3 \times \frac{5}{6} = \frac{\boxed{3}}{\boxed{1}} \times \frac{5}{6}$$

$$= \frac{3 \times \boxed{5}}{1 \times 6}$$

$$= \frac{\boxed{15}}{6}$$

$$= \boxed{2} \frac{3}{6}, \text{ or } 2 \frac{\boxed{1}}{\boxed{2}}$$

So, $3 \times \frac{5}{6}$ is $2\frac{1}{2}$.

Write the whole-number factor, 3, as $\frac{3}{1}$.

Multiply the numerators. Then multiply the denominators.

Write the product as a mixed number in simplest form.

Find the product. Write the product in simplest form.

1 $\frac{2}{3} \times 8 = \frac{2}{3} \times \frac{8}{\square}$

$$= \frac{\square \times \square}{\square \times \square}$$

$$= \frac{\square}{\square}, \text{ or } \underline{\hspace{2cm}}$$

2 $4 \times \frac{2}{9} = \underline{\hspace{2cm}}$

3 $6 \times \frac{3}{4} = \underline{\hspace{2cm}}$

4 $\frac{4}{9} \times 3 = \underline{\hspace{2cm}}$

5 $5 \times \frac{3}{8} = \underline{\hspace{2cm}}$

6 $9 \times \frac{2}{3} = \underline{\hspace{2cm}}$

7 $2 \times \frac{5}{6} = \underline{\hspace{2cm}}$

8 $7 \times \frac{4}{10} = \underline{\hspace{2cm}}$