

Find The Missing *Numerator* or *Denominator*

You can multiply a fraction with a fraction by multiplying the numerator with the numerator and the denominator with the denominator.

Example: $\frac{1}{2} \times \frac{6}{4}$ ← *numerator*
 ← *denominator*

$$\frac{1}{2} \times \frac{6}{4} = \frac{1 \times 6}{2 \times 4} = \frac{6}{8}$$

Write down the missing numerators or denominators in the multiplication equations below.

$$\frac{1}{2} \times \frac{1}{4} = \frac{1}{\square}$$

$$\frac{1}{5} \times \frac{3}{7} = \frac{3}{\square}$$

$$\frac{1}{2} \times \frac{3}{2} = \frac{\square}{4}$$

$$\frac{8}{9} \times \frac{5}{6} = \frac{\square}{54}$$

$$\frac{\square}{3} \times \frac{1}{5} = \frac{7}{15}$$

$$\frac{\square}{2} \times \frac{7}{8} = \frac{14}{16}$$

$$\frac{6}{9} \times \frac{2}{\square} = \frac{12}{36}$$

$$\frac{5}{6} \times \frac{8}{\square} = \frac{40}{60}$$

Challenge

$$\frac{\square}{4} \times \frac{3}{\square} = \frac{15}{16}$$

$$\frac{\square}{5} \times \frac{4}{\square} = \frac{28}{25}$$