

Multiplying Fractions

To multiply fractions, you need to multiply the numerators together, and multiply the denominators together.

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

$$\frac{2}{7} \times \frac{3}{5} = \boxed{\quad}$$

$$\frac{2}{5} \times \frac{6}{11} = \boxed{\quad}$$

$$\frac{3}{5} \times \frac{4}{9} = \boxed{\quad}$$

Sometimes you can cancel the fractions before multiplying. Remember that you cannot cancel numbers that are both on the top of a fraction.

$$\frac{1}{2} \times \frac{2}{5} = \frac{1}{\cancel{2}_1} \times \frac{\cancel{2}^1}{5} = \frac{1}{5}$$

$$\frac{3}{8} \times \frac{2}{3} = \frac{\cancel{3}^1}{\cancel{8}_4} \times \frac{\cancel{2}^1}{\cancel{3}_1} = \frac{1}{4}$$

$$\frac{2}{3} \times \frac{1}{2} = \boxed{\quad} \times \boxed{\quad} = \boxed{\quad}$$

$$\frac{3}{4} \times \frac{5}{6} = \boxed{\quad} \times \boxed{\quad} = \boxed{\quad}$$

$$\frac{5}{6} \times \frac{9}{10} = \boxed{\quad} \times \boxed{\quad} = \boxed{\quad}$$

$$\frac{3}{8} \times \frac{6}{9} = \boxed{\quad} \times \boxed{\quad} = \boxed{\quad}$$