

## Multiplying Fractions 1

Remember:            **numerator**             $\frac{2}{5}$             2 = numerator  
                                 **denominator**            5            5 = denominator

When **multiplying fractions**, there are no special rules to remember. Simply **multiply** the **numerators** to find the top half of the new **fraction**; then **multiply** the **denominators** to find the bottom half.

Example:      $\frac{2}{5} \times \frac{1}{5} = \frac{2}{25}$

Now try these...

1.      $\frac{3}{7} \times \frac{4}{7} =$

2.      $\frac{7}{9} \times \frac{2}{9} =$

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

4.      $\frac{4}{5} \times \frac{3}{5} =$

5.      $\frac{7}{11} \times \frac{9}{11} =$

6.      $\frac{3}{12} \times \frac{7}{12} =$

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

8.      $\frac{7}{10} \times \frac{9}{10} =$

## Multiplying Fractions 1 - ANSWERS

$$1. \quad \frac{3}{7} \times \frac{4}{7} = \frac{12}{49}$$

$$2. \quad \frac{7}{9} \times \frac{2}{9} = \frac{14}{81}$$

$$3. \quad \frac{1}{3} \times \frac{2}{3} = \frac{2}{9}$$

$$4. \quad \frac{4}{5} \times \frac{3}{5} = \frac{12}{25}$$

$$5. \quad \frac{7}{11} \times \frac{9}{11} = \frac{63}{121}$$

$$6. \quad \frac{3}{12} \times \frac{7}{12} = \frac{21}{144}$$

$$7. \quad \frac{5}{8} \times \frac{3}{8} = \frac{15}{64}$$

$$8. \quad \frac{7}{10} \times \frac{9}{10} = \frac{63}{100}$$