

Chapter 2	Fractions and Decimals
Date:	2.1 Multiplying Fractions
Essential Question	What does it mean to multiply fractions?
Steps	<ol style="list-style-type: none">1. Multiply the numerators2. Multiply the denominators3. Simplify if you can by dividing the numerator and denominator by the same number

Multiply. Write the answer in simplest form.

1) $\frac{3}{5} \times \frac{1}{3}$

2) $\frac{8}{9} \times \frac{3}{4}$

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

$$\frac{8}{9} \times \frac{3}{4} = \frac{24}{36}$$

$$\frac{3 \div 3}{15 \div 3} = \frac{1}{5}$$

$$\frac{24 \div 12}{36 \div 12} = \frac{2}{3}$$

Complete numbers 1 - 3 on your notes page.

1) $1/2 \times 5/6$

$$\frac{1}{2} \times \frac{5}{6} = \frac{5}{12}$$

2) $3/7 \times 2/3$

$$\frac{3}{7} \times \frac{2}{3} = \frac{6}{21}$$

$$\frac{6 \div 3}{21 \div 3} = \frac{2}{7}$$

3) $4/9 \times 3/10$

$$\frac{4}{9} \times \frac{3}{10} = \frac{12}{90}$$

$$\frac{12 \div 6}{90 \div 6} = \frac{2}{15}$$