

Name: _____

Multiplying Fractions

Step 1: Multiply the numerators. $\frac{3}{5} \times \frac{2}{3} = \frac{6}{15}$

Step 2: Multiply the denominators. $\frac{3}{5} \times \frac{2}{3} = \frac{6}{15}$

Step 3: Simplify your answer if possible. $\frac{3}{5} \times \frac{2}{3} = \frac{6}{15} = \frac{2}{5}$



~ PREVIEW ~

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g. $\frac{2}{3} \times 9$

h. $\frac{3}{7} \times \frac{5}{9}$

i. $\frac{9}{10} \times \frac{5}{18}$

j. $\frac{2}{3} \times \frac{6}{7} \times \frac{3}{5}$

k. $7 \times \frac{2}{3} \times \frac{3}{4}$

ANSWER KEY

Multiplying Fractions

Step 1: Multiply the numerators.

$$\frac{3}{5} \times \frac{2}{3} = \frac{6}{15}$$

Step 2: Multiply the denominators.

$$\frac{3}{5} \times \frac{2}{3} = \frac{6}{15}$$

Step 3: Simplify your answer if possible.

$$\frac{3}{5} \times \frac{2}{3} = \frac{6}{15} = \frac{2}{5}$$



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$$\frac{16}{8} \times \frac{7}{8} = \frac{112}{64} = \frac{35}{8} = 4 \frac{3}{8}$$

$$\frac{5}{4} \times \frac{52}{4} = \frac{260}{16} = \frac{65}{4} = 16 \frac{1}{4}$$

g. $\frac{2}{3} \times 9$

$$\frac{2}{3} \times \frac{27}{3} = \frac{54}{9} = 6$$

h. $\frac{3}{7} \times \frac{5}{9} = \frac{15}{63} = \frac{5}{21}$

i. $\frac{9}{10} \times \frac{5}{18} = \frac{45}{180} = \frac{1}{4}$

j. $\frac{2}{3} \times \frac{6}{7} \times \frac{3}{5}$

$$\frac{12}{21} \times \frac{3}{5} = \frac{36}{105} = \frac{12}{35}$$

k. $7 \times \frac{2}{3} \times \frac{3}{4}$

$$\frac{21}{3} \times \frac{2}{3} \times \frac{3}{4}$$

$$\frac{42}{9} \times \frac{3}{4} = \frac{126}{36} = 3 \frac{18}{36} = 3 \frac{1}{2}$$