

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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d. $5 \times \frac{1}{8}$

e. $\frac{2}{3} \times \frac{5}{8}$

f. $\frac{5}{4} \times 8$

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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d. $5 \times \frac{7}{8}$

$$\frac{5}{1} \times \frac{7}{8} = \frac{35}{8} = 4 \frac{3}{8}$$

e. $\frac{2}{3} \times \frac{5}{8} = \frac{10}{24} = \frac{5}{12}$

f. $\frac{5}{4} \times 8$

$$\frac{3}{4} \times \frac{8}{1} = \frac{24}{4} = 6$$

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

$$\frac{2}{3} \times \frac{9}{1} = \frac{18}{3} = 6$$

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

$$\frac{7}{1} \times \frac{2}{3} \times \frac{3}{4} = \frac{42}{12} = 3 \frac{1}{2}$$