

Name: _____

Multiplying Fractions and Mixed Numbers

Find each product. Write your answer in simplest form.

a. $\frac{1}{8} \times \frac{2}{3}$

b. $\frac{3}{5} \times \frac{10}{21}$

c. $\frac{4}{5} \times \frac{3}{8}$

d. $\frac{4}{8} \times 2$

e. $\frac{8}{8} \times 1\frac{1}{2}$

f. $\frac{1}{5} \times 1\frac{2}{3}$



~ PREVIEW ~

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

k. $5\frac{1}{5} \times \frac{1}{2}$

l. $3\frac{1}{2} \times 1\frac{2}{7}$

ANSWER KEY

Multiplying Fractions and Mixed Numbers

Find each product. Write your answer in simplest form.

a. $\frac{1}{8} \times \frac{2}{3}$

$$\frac{1}{8} \times \frac{2}{3} = \frac{2}{24} = \frac{1}{12}$$

b. $\frac{3}{5} \times \frac{10}{21}$

$$\frac{3}{5} \times \frac{10}{21} = \frac{30}{105} = \frac{6}{21}$$

c. $\frac{4}{5} \times \frac{3}{8}$

$$\frac{4}{5} \times \frac{3}{8} = \frac{12}{40} = \frac{3}{10}$$

d. $\frac{4}{1} \times 2$

e. $\frac{8}{1} \times 1\frac{1}{2}$

f. $\frac{1}{1} \times 1\frac{2}{2}$



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$$\frac{16}{3} \times \frac{9}{4} = \frac{144}{12} = 12$$

$$\frac{20}{1} \times \frac{16}{5} = \frac{320}{5} = 64$$

$$\frac{1}{4} \times \frac{19}{2} = \frac{19}{8} = 2\frac{3}{8}$$

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

k. $5\frac{1}{5} \times \frac{1}{2}$

l. $3\frac{1}{2} \times 1\frac{2}{7}$

$$\frac{7}{3} \times \frac{7}{3} = \frac{49}{9} = 5\frac{4}{9}$$

$$\frac{26}{5} \times \frac{1}{2} = \frac{26}{10} = 2\frac{6}{10} = 2\frac{3}{5}$$

$$\frac{7}{2} \times \frac{9}{7} = \frac{63}{14} = 4\frac{7}{14} = 4\frac{1}{2}$$