

Name: Class:

Multiply two fractions

Multiply the following and simplify the product to either its lowest terms, mixed number or whole number.

Example :

$$\frac{4}{9} \times \frac{3}{4} = \frac{4 \times 3}{9 \times 4} = \frac{\overset{1}{\cancel{12}}}{\underset{3}{\cancel{36}}} = \frac{1}{3}$$

a. $\frac{7}{4} \times \frac{9}{14} =$

b. $\frac{2}{3} \times \frac{7}{9} =$

c. $\frac{1}{15} \times \frac{2}{9} =$

d. $\frac{3}{5} \times \frac{7}{9} =$

e. $\frac{9}{10} \times \frac{1}{3} =$

f. $\frac{7}{10} \times \frac{1}{3} =$

g. $\frac{5}{8} \times \frac{17}{20} =$

h. $\frac{15}{21} \times \frac{5}{10} =$

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a. $\frac{7}{4} \times \frac{9}{14} = \frac{7 \times 9}{4 \times 14} = \frac{9}{8}$

b. $\frac{2}{3} \times \frac{7}{9} = \frac{2 \times 7}{3 \times 9} = \frac{14}{27}$

c. $\frac{1}{15} \times \frac{2}{9} = \frac{1 \times 2}{15 \times 9} = \frac{2}{135}$

d. $\frac{3}{5} \times \frac{7}{9} = \frac{3 \times 7}{5 \times 9} = \frac{\overset{7}{\cancel{21}}}{\underset{15}{\cancel{45}}} = \frac{7}{15}$

e. $\frac{9}{10} \times \frac{1}{3} = \frac{9 \times 1}{10 \times 3} = \frac{\overset{3}{\cancel{9}}}{\underset{10}{\cancel{30}}} = \frac{3}{10}$

f. $\frac{7}{10} \times \frac{1}{3} = \frac{7 \times 1}{10 \times 3} = \frac{7}{30}$

g. $\frac{5}{8} \times \frac{17}{20} = \frac{5 \times 17}{8 \times 20} = \frac{17}{32}$

h. $\frac{15}{21} \times \frac{5}{10} = \frac{15 \times 5}{21 \times 10} = \frac{\overset{5}{\cancel{75}}}{\underset{14}{\cancel{210}}} = \frac{5}{14}$