

Name: Class:

Scaling fractions by fractions.

 Without evaluating the expressions below, compare the expressions using $<$, $>$, or $=$

a. $\frac{1}{9}$ $\frac{1}{9} \times \frac{1}{2}$

h. $\frac{3}{3} \times \frac{1}{7}$ $\frac{1}{7}$

b. $\frac{3}{5}$ $\frac{3}{5} \times \frac{7}{4}$

i. $\frac{10}{11} \times \frac{8}{16}$ $\frac{8}{16}$

c. $\frac{10}{15}$ $\frac{10}{15} \times \frac{12}{12}$

g. $\frac{1}{9} \times \frac{1}{1}$ $\frac{1}{9}$

d. $\frac{3}{6} \times \frac{5}{9}$ $\frac{5}{9}$

k. $\frac{1}{5}$ $\frac{1}{5} \times \frac{5}{17}$

e. $\frac{16}{17}$ $\frac{16}{17} \times \frac{20}{20}$

l. $\frac{29}{30} \times \frac{2}{9}$ $\frac{2}{9}$

f. $\frac{7}{15}$ $\frac{7}{15} \times \frac{1}{2}$

m. $\frac{19}{14} \times \frac{1}{3}$ $\frac{1}{3}$

g. $\frac{9}{8} \times \frac{17}{20}$ $\frac{17}{20}$

n. $\frac{6}{8} \times \frac{6}{24}$ $\frac{6}{8}$

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Scaling fractions by fractions.

Without evaluating the expressions below, compare the expressions using $<$, $>$, or $=$

a. $\frac{1}{9}$ $>$ $\frac{1}{9} \times \frac{1}{2}$

b. $\frac{3}{5}$ $<$ $\frac{3}{5} \times \frac{7}{4}$

c. $\frac{10}{15}$ $=$ $\frac{10}{15} \times \frac{12}{12}$

d. $\frac{3}{6} \times \frac{5}{9}$ $<$ $\frac{5}{9}$

e. $\frac{16}{17}$ $=$ $\frac{16}{17} \times \frac{20}{20}$

f. $\frac{7}{15}$ $>$ $\frac{7}{15} \times \frac{1}{2}$

g. $\frac{9}{8} \times \frac{17}{20}$ $>$ $\frac{17}{20}$

h. $\frac{3}{3} \times \frac{1}{7}$ $=$ $\frac{1}{7}$

i. $\frac{10}{11} \times \frac{8}{16}$ $<$ $\frac{8}{16}$

g. $\frac{1}{9} \times \frac{1}{1}$ $=$ $\frac{1}{9}$

k. $\frac{1}{5}$ $>$ $\frac{1}{5} \times \frac{5}{17}$

l. $\frac{29}{30} \times \frac{2}{9}$ $<$ $\frac{2}{9}$

m. $\frac{19}{14} \times \frac{1}{3}$ $>$ $\frac{1}{3}$

n. $\frac{6}{8} \times \frac{6}{24}$ $<$ $\frac{6}{8}$