

Name: Class:

Compare sums and differences of unit fractions

Without evaluating, compare the sums and differences of the following fractions.
Use $<$, $>$ or $=$



a. $\frac{1}{5} - \frac{1}{10}$ $\frac{1}{5} - \frac{1}{10}$

f. $\frac{1}{3} + \frac{1}{6}$ $\frac{1}{4} + \frac{1}{9}$

b. $\frac{1}{8} - \frac{1}{11}$ $\frac{1}{8} - \frac{1}{15}$

g. $\frac{1}{19} + \frac{1}{20}$ $\frac{1}{19} + \frac{1}{20}$

c. $\frac{1}{15} + \frac{1}{13}$ $\frac{1}{10} + \frac{1}{13}$

h. $\frac{1}{3} + \frac{1}{2}$ $\frac{1}{3} - \frac{1}{9}$

d. $\frac{1}{4} - \frac{1}{12}$ $\frac{1}{4} + \frac{1}{2}$

i. $\frac{1}{3} + \frac{1}{15}$ $\frac{1}{3} - \frac{1}{8}$

e. $\frac{2}{6} - \frac{1}{3}$ $\frac{3}{9} - \frac{2}{6}$

j. $\frac{7}{10} + \frac{1}{10}$ $\frac{27}{30} - \frac{1}{10}$



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Without evaluating, compare the sums and differences of the following fractions.
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a. $\frac{1}{5} - \frac{1}{10} = \frac{1}{5} - \frac{1}{10}$

f. $\frac{1}{3} + \frac{1}{6} > \frac{1}{4} + \frac{1}{9}$

b. $\frac{1}{8} - \frac{1}{11} < \frac{1}{8} - \frac{1}{15}$

g. $\frac{1}{19} + \frac{1}{20} = \frac{1}{19} + \frac{1}{20}$

c. $\frac{1}{15} + \frac{1}{13} < \frac{1}{10} + \frac{1}{13}$

h. $\frac{1}{3} + \frac{1}{2} > \frac{1}{3} - \frac{1}{9}$

d. $\frac{1}{4} - \frac{1}{12} < \frac{1}{4} + \frac{1}{2}$

i. $\frac{1}{3} + \frac{1}{15} > \frac{1}{3} - \frac{1}{8}$

e. $\frac{2}{6} - \frac{1}{3} = \frac{3}{9} - \frac{2}{6}$

j. $\frac{7}{10} + \frac{1}{10} = \frac{27}{30} - \frac{1}{10}$

