

Name: Class:



Compare sums and differences of unit fractions

Compare the following expressions with $<$, $>$ or $=$. Do not evaluate.

a. $\frac{1}{9} - \frac{1}{27}$ $\frac{1}{9} - \frac{1}{18}$

h. $\frac{1}{2} + \frac{1}{4}$ $\frac{1}{5} - \frac{1}{8}$

b. $\frac{1}{50} + \frac{1}{100}$ $\frac{1}{50} + \frac{1}{100}$

i. $\frac{1}{2} - \frac{1}{4}$ $\frac{1}{2} - \frac{1}{4}$

c. $\frac{1}{3} + \frac{1}{16}$ $\frac{1}{3} + \frac{1}{6}$

j. $\frac{1}{3} - \frac{1}{5}$ $\frac{1}{3} + \frac{1}{7}$

d. $\frac{1}{20} - \frac{1}{45}$ $\frac{1}{20} - \frac{1}{75}$

k. $\frac{1}{3} + \frac{1}{4}$ $\frac{1}{7} + \frac{1}{9}$

e. $\frac{1}{11} - \frac{1}{12}$ $\frac{1}{5} - \frac{1}{12}$

l. $\frac{1}{31} + \frac{1}{5}$ $\frac{1}{31} + \frac{1}{5}$

f. $\frac{1}{5} - \frac{1}{8}$ $\frac{1}{3} + \frac{1}{2}$

m. $\frac{1}{7} + \frac{1}{10}$ $\frac{1}{7} + \frac{1}{9}$

g. $\frac{1}{4} + \frac{1}{2}$ $\frac{1}{4} - \frac{1}{11}$

n. $\frac{1}{7} + \frac{1}{5}$ $\frac{1}{6} + \frac{1}{3}$



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Compare sums and differences of unit fractions

Compare the following expressions with $<$, $>$ or $=$. Do not evaluate.

a. $\frac{1}{9} - \frac{1}{27} > \frac{1}{9} - \frac{1}{18}$

h. $\frac{1}{2} + \frac{1}{4} > \frac{1}{5} - \frac{1}{8}$

b. $\frac{1}{50} + \frac{1}{100} = \frac{1}{50} + \frac{1}{100}$

i. $\frac{1}{2} - \frac{1}{4} = \frac{1}{2} - \frac{1}{4}$

c. $\frac{1}{3} + \frac{1}{16} < \frac{1}{3} + \frac{1}{6}$

j. $\frac{1}{3} - \frac{1}{5} < \frac{1}{3} + \frac{1}{7}$

d. $\frac{1}{20} - \frac{1}{45} > \frac{1}{20} - \frac{1}{75}$

k. $\frac{1}{3} + \frac{1}{4} > \frac{1}{7} + \frac{1}{9}$

e. $\frac{1}{11} - \frac{1}{12} < \frac{1}{5} - \frac{1}{12}$

l. $\frac{1}{31} + \frac{1}{5} = \frac{1}{31} + \frac{1}{5}$

f. $\frac{1}{5} - \frac{1}{8} < \frac{1}{3} + \frac{1}{2}$

m. $\frac{1}{7} + \frac{1}{10} < \frac{1}{7} + \frac{1}{9}$

g. $\frac{1}{4} + \frac{1}{2} > \frac{1}{4} - \frac{1}{11}$

n. $\frac{1}{7} + \frac{1}{5} < \frac{1}{6} + \frac{1}{3}$

