

# Worksheet

05/04/2018

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Problem quickname: 6760

1)

Convert the series of fractions to like quantities.

Quick:  
6760

$$\begin{array}{ll} \text{a) } \frac{4}{5} \quad \frac{14}{15} \quad \frac{1}{3} \quad \text{L:} \quad \frac{12}{15} \quad \frac{14}{15} \quad \frac{5}{15} & \text{b) } \frac{1}{14} \quad \frac{2}{3} \quad \frac{17}{21} \quad \text{L:} \quad \frac{3}{42} \quad \frac{28}{42} \quad \frac{34}{42} \\ \text{c) } \frac{1}{3} \quad \frac{13}{15} \quad \frac{1}{10} \quad \text{L:} \quad \frac{10}{30} \quad \frac{26}{30} \quad \frac{3}{30} & \end{array}$$

2)

Convert the series of fractions to like quantities.

Quick:  
6760

$$\begin{array}{ll} \text{a) } \frac{2}{3} \quad \frac{7}{12} \quad \frac{23}{24} \quad \frac{3}{4} \quad \text{L:} \quad \frac{16}{24} \quad \frac{14}{24} \quad \frac{23}{24} \quad \frac{18}{24} \\ \text{b) } \frac{7}{26} \quad \frac{1}{39} \quad \frac{1}{13} \quad \frac{1}{6} \quad \text{L:} \quad \frac{21}{78} \quad \frac{2}{78} \quad \frac{6}{78} \quad \frac{13}{78} \\ \text{c) } \frac{9}{16} \quad \frac{11}{12} \quad \frac{19}{24} \quad \frac{2}{3} \quad \text{L:} \quad \frac{27}{48} \quad \frac{44}{48} \quad \frac{38}{48} \quad \frac{32}{48} \\ \text{d) } \frac{11}{16} \quad \frac{27}{32} \quad \frac{35}{48} \quad \frac{1}{8} \quad \text{L:} \quad \frac{66}{96} \quad \frac{81}{96} \quad \frac{70}{96} \quad \frac{12}{96} \\ \text{e) } \frac{1}{2} \quad \frac{1}{8} \quad \frac{1}{28} \quad \frac{5}{14} \quad \text{L:} \quad \frac{28}{56} \quad \frac{7}{56} \quad \frac{2}{56} \quad \frac{20}{56} \\ \text{f) } \frac{19}{28} \quad \frac{25}{42} \quad \frac{5}{14} \quad \frac{19}{21} \quad \text{L:} \quad \frac{57}{84} \quad \frac{50}{84} \quad \frac{30}{84} \quad \frac{76}{84} \\ \text{g) } \frac{1}{3} \quad \frac{1}{5} \quad \frac{1}{12} \quad \frac{4}{15} \quad \text{L:} \quad \frac{20}{60} \quad \frac{12}{60} \quad \frac{5}{60} \quad \frac{16}{60} \\ \text{h) } \frac{3}{8} \quad \frac{17}{24} \quad \frac{15}{16} \quad \frac{1}{2} \quad \text{L:} \quad \frac{18}{48} \quad \frac{34}{48} \quad \frac{45}{48} \quad \frac{24}{48} \\ \text{i) } \frac{7}{12} \quad \frac{1}{4} \quad \frac{17}{42} \quad \frac{4}{7} \quad \text{L:} \quad \frac{49}{84} \quad \frac{21}{84} \quad \frac{34}{84} \quad \frac{48}{84} \\ \text{j) } \frac{7}{8} \quad \frac{25}{28} \quad \frac{13}{14} \quad \frac{3}{7} \quad \text{L:} \quad \frac{49}{56} \quad \frac{50}{56} \quad \frac{52}{56} \quad \frac{24}{56} \end{array}$$

3)

Convert the series of fractions to like quantities.

Quick:  
6760

$$\begin{array}{ll} \text{a) } \frac{17}{18} \quad \frac{1}{12} \quad \text{L:} \quad \frac{34}{36} \quad \frac{3}{36} & \text{b) } \frac{17}{20} \quad \frac{3}{8} \quad \text{L:} \quad \frac{34}{40} \quad \frac{15}{40} \\ \text{c) } \frac{13}{14} \quad \frac{4}{7} \quad \text{L:} \quad \frac{13}{14} \quad \frac{8}{14} & \text{d) } \frac{13}{25} \quad \frac{2}{5} \quad \text{L:} \quad \frac{13}{25} \quad \frac{10}{25} \\ \text{e) } \frac{17}{18} \quad \frac{1}{3} \quad \text{L:} \quad \frac{17}{18} \quad \frac{6}{18} & \text{f) } \frac{19}{22} \quad \frac{1}{4} \quad \text{L:} \quad \frac{38}{44} \quad \frac{11}{44} \\ \text{g) } \frac{2}{7} \quad \frac{16}{21} \quad \text{L:} \quad \frac{6}{21} \quad \frac{16}{21} & \text{h) } \frac{1}{4} \quad \frac{19}{24} \quad \text{L:} \quad \frac{6}{24} \quad \frac{19}{24} \end{array}$$

Solutions to smp-6760-1/OHGW

i)  $\frac{4}{15}$   $\frac{8}{9}$  L:  $\frac{12}{45}$   $\frac{40}{45}$       j)  $\frac{8}{9}$   $\frac{2}{3}$  L:  $\frac{8}{9}$   $\frac{6}{9}$

4)

Convert the series of fractions to like quantities.

Quick:  
6760

a)  $\frac{3}{4}$   $\frac{1}{8}$  L:  $\frac{6}{8}$   $\frac{1}{8}$       b)  $\frac{3}{4}$   $\frac{1}{5}$  L:  $\frac{15}{20}$   $\frac{4}{20}$   
 c)  $\frac{1}{4}$   $\frac{1}{2}$  L:  $\frac{1}{4}$   $\frac{2}{4}$       d)  $\frac{1}{6}$   $\frac{1}{3}$  L:  $\frac{1}{6}$   $\frac{2}{6}$       e)  $\frac{1}{4}$   $\frac{1}{2}$  L:  $\frac{1}{4}$   $\frac{2}{4}$   
 f)  $\frac{5}{6}$   $\frac{1}{4}$  L:  $\frac{10}{12}$   $\frac{3}{12}$       g)  $\frac{1}{8}$   $\frac{1}{2}$  L:  $\frac{1}{8}$   $\frac{4}{8}$   
 h)  $\frac{5}{9}$   $\frac{2}{3}$  L:  $\frac{5}{9}$   $\frac{6}{9}$       i)  $\frac{2}{3}$   $\frac{1}{5}$  L:  $\frac{10}{15}$   $\frac{3}{15}$   
 j)  $\frac{4}{5}$   $\frac{1}{3}$  L:  $\frac{12}{15}$   $\frac{5}{15}$

Good Luck!