

Worksheet

06/21/2020

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Problem quickname: 6760

1)

Convert the series of fractions to like quantities.

Quick:
6760

$$\begin{array}{l} \text{a) } \frac{11}{14} \quad \frac{6}{7} \quad \frac{3}{4} \quad \text{Answer:} \quad \frac{22}{28} \quad \frac{24}{28} \quad \frac{21}{28} \\ \text{b) } \frac{19}{22} \quad \frac{3}{4} \quad \frac{5}{11} \quad \text{Answer:} \quad \frac{38}{44} \quad \frac{33}{44} \quad \frac{20}{44} \\ \text{c) } \frac{5}{8} \quad \frac{1}{3} \quad \frac{11}{12} \quad \text{Answer:} \quad \frac{15}{24} \quad \frac{8}{24} \quad \frac{22}{24} \end{array}$$

2)

Convert the series of fractions to like quantities.

Quick:
6760

$$\begin{array}{l} \text{a) } \frac{1}{2} \quad \frac{3}{14} \quad \frac{2}{21} \quad \frac{3}{7} \quad \text{Answer:} \quad \frac{21}{42} \quad \frac{9}{42} \quad \frac{4}{42} \quad \frac{18}{42} \\ \text{b) } \frac{1}{2} \quad \frac{7}{20} \quad \frac{3}{8} \quad \frac{1}{16} \quad \text{Answer:} \quad \frac{40}{80} \quad \frac{28}{80} \quad \frac{30}{80} \quad \frac{5}{80} \\ \text{c) } \frac{4}{9} \quad \frac{1}{3} \quad \frac{17}{24} \quad \frac{23}{36} \quad \text{Answer:} \quad \frac{32}{72} \quad \frac{24}{72} \quad \frac{51}{72} \quad \frac{46}{72} \\ \text{d) } \frac{23}{24} \quad \frac{7}{12} \quad \frac{7}{16} \quad \frac{3}{4} \quad \text{Answer:} \quad \frac{46}{48} \quad \frac{28}{48} \quad \frac{21}{48} \quad \frac{36}{48} \\ \text{e) } \frac{4}{11} \quad \frac{1}{3} \quad \frac{7}{9} \quad \frac{29}{33} \quad \text{Answer:} \quad \frac{36}{99} \quad \frac{33}{99} \quad \frac{77}{99} \quad \frac{87}{99} \\ \text{f) } \frac{11}{20} \quad \frac{1}{8} \quad \frac{1}{2} \quad \frac{3}{5} \quad \text{Answer:} \quad \frac{22}{40} \quad \frac{5}{40} \quad \frac{20}{40} \quad \frac{24}{40} \\ \text{g) } \frac{2}{5} \quad \frac{19}{30} \quad \frac{9}{10} \quad \frac{1}{6} \quad \text{Answer:} \quad \frac{12}{30} \quad \frac{19}{30} \quad \frac{27}{30} \quad \frac{5}{30} \\ \text{h) } \frac{1}{2} \quad \frac{9}{16} \quad \frac{1}{8} \quad \frac{9}{32} \quad \text{Answer:} \quad \frac{16}{32} \quad \frac{18}{32} \quad \frac{4}{32} \quad \frac{9}{32} \\ \text{i) } \frac{15}{16} \quad \frac{3}{20} \quad \frac{9}{40} \quad \frac{1}{4} \quad \text{Answer:} \quad \frac{75}{80} \quad \frac{12}{80} \quad \frac{18}{80} \quad \frac{20}{80} \\ \text{j) } \frac{1}{3} \quad \frac{3}{7} \quad \frac{8}{21} \quad \frac{4}{9} \quad \text{Answer:} \quad \frac{21}{63} \quad \frac{27}{63} \quad \frac{24}{63} \quad \frac{28}{63} \end{array}$$

3)

Convert the series of fractions to like quantities.

Quick:
6760

$$\begin{array}{l} \text{a) } \frac{4}{5} \quad \frac{7}{20} \quad \text{Answer:} \quad \frac{16}{20} \quad \frac{7}{20} \qquad \text{b) } \frac{3}{16} \quad \frac{3}{8} \quad \text{Answer:} \quad \frac{3}{16} \quad \frac{6}{16} \\ \text{c) } \frac{7}{9} \quad \frac{11}{15} \quad \text{Answer:} \quad \frac{35}{45} \quad \frac{33}{45} \qquad \text{d) } \frac{19}{24} \quad \frac{5}{16} \quad \text{Answer:} \quad \frac{38}{48} \quad \frac{15}{48} \\ \text{e) } \frac{1}{8} \quad \frac{4}{5} \quad \text{Answer:} \quad \frac{5}{40} \quad \frac{32}{40} \qquad \text{f) } \frac{17}{20} \quad \frac{1}{5} \quad \text{Answer:} \quad \frac{17}{20} \quad \frac{4}{20} \end{array}$$

Solutions to smp-6760-2/XXCV

g) $\frac{1}{4} \quad \frac{2}{5}$ Answer: $\frac{5}{20} \quad \frac{8}{20}$ h) $\frac{11}{20} \quad \frac{3}{5}$ Answer: $\frac{11}{20} \quad \frac{12}{20}$
 i) $\frac{13}{24} \quad \frac{7}{12}$ Answer: $\frac{13}{24} \quad \frac{14}{24}$ j) $\frac{7}{16} \quad \frac{1}{2}$ Answer: $\frac{7}{16} \quad \frac{8}{16}$

4)

Convert the series of fractions to like quantities.

Quick:
6760

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

Good Luck!