

Worksheet

05/07/2018

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Problem quickname: 5679

1)

Order the fractions by size. Start with the smallest one.

Quick:
5679

a) $\frac{5}{6}$ $\frac{3}{4}$ $\frac{5}{8}$ $\frac{2}{3}$ L: $\frac{5}{8} < \frac{2}{3} < \frac{3}{4} < \frac{5}{6}$ b) $\frac{1}{2}$ $\frac{3}{8}$ $\frac{13}{20}$ $\frac{2}{5}$ L: $\frac{3}{8} < \frac{2}{5} < \frac{1}{2} < \frac{13}{20}$

c) $\frac{7}{18}$ $\frac{8}{9}$ $\frac{1}{2}$ $\frac{11}{12}$ L: $\frac{7}{18} < \frac{1}{2} < \frac{8}{9} < \frac{11}{12}$

d) $\frac{15}{16}$ $\frac{5}{8}$ $\frac{11}{12}$ $\frac{1}{24}$ L: $\frac{1}{24} < \frac{5}{8} < \frac{11}{12} < \frac{15}{16}$

e) $\frac{1}{4}$ $\frac{1}{2}$ $\frac{1}{8}$ $\frac{5}{6}$ L: $\frac{1}{8} < \frac{1}{4} < \frac{1}{2} < \frac{5}{6}$ f) $\frac{1}{12}$ $\frac{7}{18}$ $\frac{1}{4}$ $\frac{4}{9}$ L: $\frac{1}{12} < \frac{1}{4} < \frac{7}{18} < \frac{4}{9}$

g) $\frac{3}{4}$ $\frac{5}{12}$ $\frac{11}{24}$ $\frac{1}{8}$ L: $\frac{1}{8} < \frac{5}{12} < \frac{11}{24} < \frac{3}{4}$

h) $\frac{1}{8}$ $\frac{1}{6}$ $\frac{1}{12}$ $\frac{2}{3}$ L: $\frac{1}{12} < \frac{1}{8} < \frac{1}{6} < \frac{2}{3}$

i) $\frac{1}{10}$ $\frac{21}{25}$ $\frac{4}{5}$ $\frac{1}{2}$ L: $\frac{1}{10} < \frac{1}{2} < \frac{4}{5} < \frac{21}{25}$ j) $\frac{5}{16}$ $\frac{5}{8}$ $\frac{1}{4}$ $\frac{1}{2}$ L: $\frac{1}{4} < \frac{5}{16} < \frac{1}{2} < \frac{5}{8}$

2)

Order the fractions by size. Start with the smallest one.

Quick:
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a) $\frac{15}{32}$ $\frac{1}{12}$ $\frac{35}{48}$ L: $\frac{1}{12} < \frac{15}{32} < \frac{35}{48}$ b) $\frac{17}{30}$ $\frac{29}{45}$ $\frac{8}{9}$ L: $\frac{17}{30} < \frac{29}{45} < \frac{8}{9}$

c) $\frac{2}{5}$ $\frac{13}{40}$ $\frac{1}{16}$ L: $\frac{1}{16} < \frac{13}{40} < \frac{2}{5}$ d) $\frac{4}{5}$ $\frac{17}{30}$ $\frac{7}{10}$ L: $\frac{17}{30} < \frac{7}{10} < \frac{4}{5}$

e) $\frac{1}{5}$ $\frac{3}{20}$ $\frac{19}{40}$ L: $\frac{3}{20} < \frac{1}{5} < \frac{19}{40}$ f) $\frac{5}{26}$ $\frac{3}{4}$ $\frac{3}{13}$ L: $\frac{5}{26} < \frac{3}{13} < \frac{3}{4}$

g) $\frac{9}{16}$ $\frac{7}{24}$ $\frac{11}{32}$ L: $\frac{7}{24} < \frac{11}{32} < \frac{9}{16}$ h) $\frac{5}{14}$ $\frac{3}{8}$ $\frac{1}{7}$ L: $\frac{1}{7} < \frac{5}{14} < \frac{3}{8}$

i) $\frac{1}{3}$ $\frac{5}{12}$ $\frac{43}{48}$ L: $\frac{1}{3} < \frac{5}{12} < \frac{43}{48}$ j) $\frac{1}{2}$ $\frac{23}{30}$ $\frac{11}{20}$ L: $\frac{1}{2} < \frac{11}{20} < \frac{23}{30}$

3)

Order the fractions by size. Start with the smallest one.

Quick:
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a) $\frac{81}{91}$ $\frac{57}{91}$ $\frac{59}{91}$ L: $\frac{57}{91} < \frac{59}{91} < \frac{81}{91}$ b) $\frac{62}{64}$ $\frac{1}{64}$ $\frac{2}{64}$ L: $\frac{1}{64} < \frac{2}{64} < \frac{62}{64}$

$$\begin{array}{ll}
 \text{c) } \frac{58}{60} & \frac{10}{60} & \frac{25}{60} & \text{L: } \frac{10}{60} < \frac{25}{60} < \frac{58}{60} & \text{d) } \frac{58}{97} & \frac{78}{97} & \frac{79}{97} & \text{L: } \frac{58}{97} < \frac{78}{97} < \frac{79}{97} \\
 \text{e) } \frac{14}{88} & \frac{16}{88} & \frac{10}{88} & \text{L: } \frac{10}{88} < \frac{14}{88} < \frac{16}{88} & \text{f) } \frac{56}{82} & \frac{65}{82} & \frac{21}{82} & \text{L: } \frac{21}{82} < \frac{56}{82} < \frac{65}{82} \\
 \text{g) } \frac{58}{82} & \frac{5}{82} & \frac{56}{82} & \text{L: } \frac{5}{82} < \frac{56}{82} < \frac{58}{82} & \text{h) } \frac{55}{69} & \frac{6}{69} & \frac{47}{69} & \text{L: } \frac{6}{69} < \frac{47}{69} < \frac{55}{69} \\
 \text{i) } \frac{4}{77} & \frac{34}{77} & \frac{48}{77} & \text{L: } \frac{4}{77} < \frac{34}{77} < \frac{48}{77} & \text{j) } \frac{37}{57} & \frac{36}{57} & \frac{55}{57} & \text{L: } \frac{36}{57} < \frac{37}{57} < \frac{55}{57}
 \end{array}$$

4)

Order the fractions by size. Start with the smallest one.

Quick:
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$$\begin{array}{ll}
 \text{a) } \frac{21}{37} & \frac{21}{42} & \frac{21}{78} & \text{L: } \frac{21}{78} < \frac{21}{42} < \frac{21}{37} & \text{b) } \frac{33}{60} & \frac{33}{74} & \frac{33}{98} & \text{L: } \frac{33}{98} < \frac{33}{74} < \frac{33}{60} \\
 \text{c) } \frac{18}{42} & \frac{18}{75} & \frac{18}{64} & \text{L: } \frac{18}{75} < \frac{18}{64} < \frac{18}{42} & \text{d) } \frac{5}{17} & \frac{5}{34} & \frac{5}{94} & \text{L: } \frac{5}{94} < \frac{5}{34} < \frac{5}{17} \\
 \text{e) } \frac{39}{87} & \frac{39}{82} & \frac{39}{67} & \text{L: } \frac{39}{87} < \frac{39}{82} < \frac{39}{67} & \text{f) } \frac{35}{78} & \frac{35}{88} & \frac{35}{44} & \text{L: } \frac{35}{88} < \frac{35}{78} < \frac{35}{44} \\
 \text{g) } \frac{8}{15} & \frac{8}{75} & \frac{8}{82} & \text{L: } \frac{8}{82} < \frac{8}{75} < \frac{8}{15} & \text{h) } \frac{19}{42} & \frac{19}{25} & \frac{19}{20} & \text{L: } \frac{19}{42} < \frac{19}{25} < \frac{19}{20} \\
 \text{i) } \frac{39}{69} & \frac{39}{90} & \frac{39}{92} & \text{L: } \frac{39}{92} < \frac{39}{90} < \frac{39}{69} & \text{j) } \frac{14}{75} & \frac{14}{70} & \frac{14}{75} & \text{L: } \frac{14}{75} < \frac{14}{75} < \frac{14}{70}
 \end{array}$$

Good Luck!