**Comparing and Ordering Fractions**

LO: Can I order fractions?

1. Write $<, >or=$ between each pair of fractions. Remember to change them to equivalent fractions.

1)$ \frac{2}{5}$ $\frac{1}{2}$ 2) $\frac{2}{3}$ $\frac{3}{4}$ 3) $\frac{2}{9}$ $\frac{1}{3}$ 4) $\frac{3}{8}$ $\frac{1}{2}$

5)$ \frac{2}{3}$ $\frac{4}{5}$ 6) $\frac{5}{6}$ $\frac{5}{8}$ 7) $\frac{6}{7}$ $\frac{3}{4}$ 8) $\frac{7}{15}$ $\frac{14}{30}$

9)$ \frac{1}{4}$ $\frac{3}{14}$ 10) $\frac{2}{3}$ $\frac{3}{5}$ 11) $\frac{5}{7}$ $\frac{7}{9}$ 12) $\frac{3}{11}$ $\frac{1}{3}$

13)$ \frac{3}{10}$ $\frac{5}{12}$ 14) $\frac{1}{2}$ $\frac{8}{15}$ 15) $\frac{35}{100}$ $\frac{3}{4}$ 16) $\frac{24}{36}$ $\frac{17}{72}$

2. Find the common denominators for these fractions and write them in order, starting with the largest. Then write the original fractions in order.

1)$ \frac{ 1}{2} \frac{1}{4 } \frac{3}{8}$ 2)$ \frac{5}{8} \frac{3}{4} \frac{5}{6}$ 3)$ \frac{ 5}{6} \frac{7}{9 } \frac{2}{3} $4)$ \frac{ 4}{7} \frac{5}{6} \frac{2}{3} $

5)$ \frac{ 1}{2} \frac{2}{3} \frac{4}{5} \frac{1}{6}$ 6)$ \frac{ 3}{8} \frac{4}{5 } \frac{1}{10} \frac{3}{4}$ 7)$ \frac{ 1}{6} \frac{3}{4} \frac{1}{10} \frac{2}{5}$

8)$\frac{ 3}{10} \frac{2}{5 } \frac{5}{6} \frac{3}{8}$ 9)$ \frac{ 2}{6} \frac{3}{5 } \frac{2}{9} \frac{3}{18}$ 10)$ \frac{ 1}{2} \frac{5}{9} \frac{3}{4} \frac{2}{3}$

11)$ \frac{ 1}{4} \frac{3}{15 } \frac{2}{5} \frac{1}{3}$ 12)$ \frac{ 7}{30} \frac{3}{5 } \frac{5}{12} \frac{3}{4}$ 13)$ \frac{ 5}{8} \frac{4}{7} \frac{3}{4} \frac{3}{28}$

14)$ \frac{ 3}{8} \frac{3}{25 } \frac{1}{4} \frac{2}{5}$

**Answer sheet.**

1. Write $<, >or=$ between each pair of fractions. Remember to change them to equivalent fractions.

1)$ \frac{2}{5}$ $<$ $\frac{1}{2}$ 2) $\frac{2}{3}$ $<$ $\frac{3}{4}$ 3) $\frac{2}{9}$ $<$ $\frac{1}{3}$ 4) $\frac{3}{8}$ $<$ $\frac{1}{2}$

5)$ \frac{2}{3}$ $<$ $\frac{4}{5}$ 6) $\frac{5}{6}$ $>$ $\frac{5}{8}$ 7) $\frac{6}{7}$ $>$ $\frac{3}{4}$ 8) $\frac{7}{15}$ $=$ $\frac{14}{30}$

9)$ \frac{1}{4}$ $>$ $\frac{3}{14}$ 10) $\frac{2}{3}$ $>$ $\frac{3}{5}$ 11) $\frac{5}{7}$ $<$ $\frac{7}{9}$ 12) $\frac{3}{11}$ $<$ $\frac{1}{3}$

13)$ \frac{3}{10}$ $<$ $\frac{5}{12}$ 14) $\frac{1}{2}$ $<$ $\frac{8}{15}$ 15) $\frac{35}{100}$ $<$ $\frac{3}{4}$ 16) $\frac{24}{36}$ $>$ $\frac{17}{72}$

2. Find the common denominators for these fractions and write them in order, starting with the largest. Then write the original fractions in order.

1)$ \frac{ 1}{2}>\frac{3}{8}>\frac{1}{4}$ 2)$ \frac{5}{6} >\frac{3}{4} >\frac{5}{8}$ 3)$ \frac{ 5}{6}>\frac{7}{9 }>\frac{2}{3}$ 4)$ \frac{ 5}{6}>\frac{2}{3}>\frac{4}{7} $

5)$ \frac{ 4}{5}>\frac{2}{3} >\frac{1}{2}>\frac{1}{6}$ 6)$ \frac{ 4}{5}>\frac{3}{4}>\frac{3}{8}>\frac{1}{10}$ 7)$ \frac{ 3}{4}>\frac{2}{5}>\frac{1}{6} >\frac{1}{10}$

8)$\frac{ 5}{6}>\frac{2}{5 } >\frac{3}{8}>\frac{3}{10}$ 9)$ \frac{ 3}{5}>\frac{2}{6}>\frac{2}{9} >\frac{3}{18}$ 10)$ \frac{ 3}{4}>\frac{2}{3}>\frac{5}{9}>\frac{1}{2}$

11)$ \frac{ 2}{5} >\frac{1}{3 }>\frac{1}{4} >\frac{3}{15}$ 12)$ \frac{ 3}{4}>\frac{3}{5}>\frac{5}{12}>\frac{7}{30}$ 13)$ \frac{ 3}{4}>\frac{5}{8}>\frac{4}{7}>\frac{3}{28}$

14)$ \frac{ 2}{5} >\frac{1}{3 }>\frac{1}{4} >\frac{3}{15}$