Comparing Fractions with Unlike Denominators

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Instructions

1. Find a common denominator: a number both denominators divide into.
2. Rewrite each fraction with that denominator, multiplying its top and bottom by the same number.
3. Compare the new numerators: the bigger numerator is the bigger fraction.
4. Write >, < or = in the box.

Example

$\frac{2}{3}$ **>** $\frac{3}{5}$

1. Rewrite them in equal-sized parts.
   2/3 = 10/15
   3/5 = 9/15
2. Compare the counts of equal-sized parts.
   10 is more than 9
3. Write the symbol in the box.
   2/3 > 3/5

1 $\frac{3}{5}$ ☐ $\frac{9}{12}$

2 $\frac{4}{6}$ ☐ $\frac{1}{2}$

3 $\frac{1}{2}$ ☐ $\frac{2}{10}$

4 $\frac{1}{2}$ ☐ $\frac{3}{4}$

5 $\frac{1}{6}$ ☐ $\frac{8}{10}$

6 $\frac{2}{3}$ ☐ $\frac{5}{12}$

7 $\frac{4}{5}$ ☐ $\frac{7}{8}$

8 $\frac{2}{4}$ ☐ $\frac{8}{10}$

9 $\frac{1}{2}$ ☐ $\frac{2}{3}$

10 $\frac{8}{10}$ ☐ $\frac{7}{12}$

11 $\frac{1}{10}$ ☐ $\frac{11}{12}$

12 $\frac{1}{12}$ ☐ $\frac{2}{4}$

13 $\frac{1}{2}$ ☐ $\frac{7}{8}$

14 $\frac{5}{8}$ ☐ $\frac{4}{10}$

15 $\frac{1}{10}$ ☐ $\frac{2}{8}$

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