

# Lesson 2 Homework Practice Part 1

## Compare and Order Rational Number

**Algorithm for Comparing and Ordering fractions with uncommon denominators:**

**1) Create multiple lists for each of the denominators (bottom #s)**

**2) Choose the L.C.D (Least Common Denominator)**

**3) Create equivalent fractions with common denominators**

**4) Compare using > greater than, < less than, or =**

Replace each ● with >, <, or = to make a true sentence. Use a number line if necessary.

1.  $\frac{5}{6}$  ●  $\frac{1}{3}$

2.  $\frac{4}{5}$  ●  $\frac{9}{10}$

3.  $\frac{6}{9}$  ●  $\frac{4}{6}$

4.  $\frac{2}{7}$  ●  $\frac{1}{8}$

5.  $\frac{15}{21}$  ●  $\frac{12}{18}$

6.  $\frac{24}{32}$  ●  $\frac{36}{48}$

7.  $-\frac{8}{11}$  ●  $-\frac{10}{11}$

8.  $\frac{14}{15}$  ●  $\frac{19}{20}$

9.  $4\frac{1}{5}$  ●  $4\frac{2}{10}$

10.  $7\frac{4}{9}$  ●  $7\frac{2}{3}$

11.  $-1\frac{17}{20}$  ●  $-1\frac{8}{10}$

12.  $9\frac{1}{2}$  ●  $9\frac{5}{6}$

13. 1 out of 2 ● 8 out of 10

14. 0.65 ● 65 out of 100

15. 4 out of 5 ●  $\frac{3}{4}$

16. 1 out of 3 ● 1.3

17.  $\frac{2}{3}$  mile ●  $\frac{2}{5}$  mile

18.  $\frac{7}{10}$  gram ● 0.72 gram