

Compare and Order Fractions and Mixed Numbers – I

1. Compare the given fractions below and write $<$, $>$, or $=$ for each .

a. $\frac{4}{7}$ $\frac{7}{12}$

b. $\frac{5}{9}$ $1\frac{3}{7}$

c. $\frac{5}{12}$ $\frac{1}{3}$

d. $\frac{3}{5}$ $\frac{5}{8}$

e. $\frac{2}{3}$ $\frac{7}{10}$

f. $2\frac{5}{6}$ $2\frac{1}{6}$

g. $1\frac{3}{8}$ $1\frac{1}{2}$

h. $1\frac{4}{9}$ $1\frac{4}{7}$

2. Order the fractions from least to greatest.

a. $\frac{5}{9}$, $\frac{3}{7}$, and $\frac{2}{5}$

b. $1\frac{7}{13}$, $1\frac{5}{9}$, and $\frac{16}{13}$

c. $1\frac{4}{5}$, $1\frac{7}{12}$, and $1\frac{7}{9}$

d. $\frac{8}{12}$, $\frac{5}{11}$, and $\frac{7}{10}$

Solution:

- a.
- b.
- c.
- d.

3. Lydia used $\frac{1}{12}$ of her day for biking, $\frac{2}{21}$ of the day for reading books, and $\frac{3}{24}$ of the day while listening to music. Order the time used for activities from least to greatest.

Solution:

4. Use the table on your right to answer the following questions:

- a. Which ride has the longest wait time?
- b. Which ride has the shortest wait time?
- c. Order the wait times for the rides from shortest to longest.

Wait times in Line for Rides

Ride	Wait Time
Mount Swirl	$1\frac{1}{5}$ Hours
Free Fall	$\frac{7}{6}$ Hours
Gravity Buster	$1\frac{3}{8}$ Hours

Solution:

- a. c.
- b.

5. Which of the mixed numbers/fractions is the smallest?

A. $4\frac{2}{7}$ B. $\frac{30}{8}$ C. $\frac{34}{8}$ D. $4\frac{1}{3}$

Solution: