

8.3

Comparing and Ordering Fractions

A

Write which fraction is the larger in each of these pairs.

1. $\frac{2}{3}$ or $\frac{5}{6}$

3. $\frac{3}{5}$ or $\frac{8}{15}$

5. $\frac{24}{56}$ or $\frac{3}{8}$

7. $\frac{44}{60}$ or $\frac{11}{20}$

2. $\frac{3}{4}$ or $\frac{7}{12}$

4. $\frac{9}{10}$ or $\frac{26}{30}$

6. $\frac{12}{28}$ or $\frac{4}{7}$

8. $\frac{6}{36}$ or $\frac{2}{9}$

B

Write each set of fractions in order, starting with the smallest.

1. $\frac{4}{5}$ $\frac{1}{2}$ $\frac{3}{10}$ $\frac{1}{4}$

3. $\frac{3}{10}$ $\frac{1}{3}$ $\frac{2}{7}$ $\frac{1}{6}$

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

4. $\frac{1}{4}$ $\frac{2}{5}$ $\frac{3}{8}$ $\frac{1}{10}$

C


Copy these, putting $<$ $>$ or $=$ to make each one true.


1. $\frac{3}{5}$  $\frac{2}{3}$

3. $\frac{3}{4}$  $\frac{7}{8}$

5. $\frac{11}{27}$  $\frac{4}{9}$

7. $\frac{15}{16}$  $\frac{3}{4}$

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

4. $\frac{1}{6}$  $\frac{3}{18}$

6. $\frac{14}{21}$  $\frac{3}{7}$

8. $\frac{16}{20}$  $\frac{4}{5}$

D

Write each of these in order, starting with the largest.

1. $2\frac{3}{5}$ $2\frac{7}{10}$ $1\frac{2}{3}$ $1\frac{1}{2}$

3. $5\frac{1}{10}$ $4\frac{9}{11}$ $5\frac{1}{17}$ $4\frac{19}{20}$

2. $3\frac{3}{4}$ $2\frac{7}{8}$ $3\frac{2}{3}$ $2\frac{3}{5}$

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

E

Write true or false for each of these statements.

1. A quarter is larger than a third.

3. One-tenth is smaller than one-hundredth.

2. Three-quarters is the same as

4. A half is the same as five-tenths.