

3.19

Ordering Three Fractions Having a Common Denominator

• Example 1

Order the fractions $\frac{7}{11}$, $\frac{5}{11}$, and $\frac{9}{11}$ from least to greatest.

We first note that the denominators in this example are the same.

Accordingly, we need only to consider the order of the numbers in the numerators to determine the order of the fractions. Since

$$5 < 7 < 9,$$

we can order the fractions as

$$\frac{5}{11} < \frac{7}{11} < \frac{9}{11}$$

● ● ● CHECK YOURSELF 1

Order the fractions $\frac{5}{7}$, $\frac{3}{7}$, and $\frac{6}{7}$ from least to greatest.

● ● ● CHECK YOURSELF ANSWER

1. $\frac{3}{7} < \frac{5}{7} < \frac{6}{7}$.

3.19 Exercises

Name _____

Section _____

Date _____

A N S W E R S

1. _____

2. _____

3. _____

4. _____

5. _____

Order the fractions below from least to greatest.

1. $\frac{9}{13}, \frac{5}{13}, \frac{11}{13}$

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

3. $\frac{13}{27}, \frac{11}{27}, \frac{23}{27}$

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

5. $\frac{13}{63}, \frac{47}{63}, \frac{19}{63}$