

Lesson 4.9 Comparing and Ordering Fractions

Use your knowledge of simplifying, finding common denominators, and finding equivalent fractions.

Compare each pair of fractions using $<$, $>$, or $=$.

a

1. $\frac{19}{9} \text{ — } \frac{1}{10}$

b

1 $\frac{1}{12} \text{ — } 10 \frac{1}{3}$

c

2 $\frac{1}{9} \text{ — } 10 \frac{1}{2}$

d

$\frac{1}{9} \text{ — } \frac{6}{7}$

2. $\frac{4}{6} \text{ — } \frac{5}{9}$

$\frac{4}{7} \text{ — } \frac{21}{11}$

$\frac{29}{9} \text{ — } 2 \frac{1}{6}$

$\frac{26}{11} \text{ — } \frac{22}{11}$

3. $\frac{20}{8} \text{ — } \frac{12}{8}$

$\frac{4}{9} \text{ — } 7 \frac{1}{4}$

2 $\frac{11}{12} \text{ — } 1 \frac{1}{5}$

$\frac{4}{2} \text{ — } \frac{29}{9}$

4. $\frac{2}{2} \text{ — } \frac{1}{3}$

$\frac{1}{3} \text{ — } 2 \frac{11}{12}$

5 $\frac{1}{2} \text{ — } \frac{11}{12}$

$\frac{13}{3} \text{ — } \frac{1}{5}$

5. $\frac{2}{5} \text{ — } 2 \frac{3}{8}$

$\frac{20}{11} \text{ — } \frac{25}{2}$

$\frac{1}{7} \text{ — } 7 \frac{1}{3}$

$\frac{1}{9} \text{ — } \frac{19}{6}$

6. $3 \frac{2}{10} \text{ — } \frac{26}{8}$

$\frac{2}{3} \text{ — } \frac{1}{2}$

$\frac{5}{9} \text{ — } \frac{1}{9}$

$\frac{19}{9} \text{ — } \frac{27}{4}$

Put the fractions in order from least to greatest.

7. $\frac{1}{7}, \frac{6}{7}, 1 \frac{2}{3}, 1 \frac{8}{9}, 1 \frac{1}{7}$

8. $\frac{7}{8}, \frac{4}{7}, 1 \frac{1}{2}, \frac{2}{7}, 1 \frac{1}{4}$

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