

**Extension
1.6****Practice**

Use the LCD to rewrite the fractions with the same denominator.

1. $\frac{3}{4}, \frac{1}{10}$

2. $\frac{2}{3}, \frac{5}{8}$

3. $\frac{5}{14}, \frac{1}{6}$

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

Copy and complete the statement using $<$, $>$, or $=$.

5. $\frac{3}{4} \text{ ? } \frac{2}{3}$

6. $\frac{5}{12} \text{ ? } \frac{4}{15}$

7. $3\frac{5}{18} \text{ ? } 3\frac{7}{24}$

8. $\frac{18}{8} \text{ ? } 2\frac{1}{4}$

Add or subtract. Write the answer in simplest form.

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

10. $\frac{4}{9} - \frac{1}{4}$

11. $\frac{5}{8} - \frac{3}{14}$

12. $\frac{7}{15} + \frac{3}{10}$

13. $4\frac{1}{8} + 3\frac{3}{4}$

14. $5\frac{7}{12} - 2\frac{2}{9}$

15. $1\frac{1}{3} + \frac{6}{7}$

16. $4\frac{11}{12} - 2\frac{3}{20}$

17. In which of Exercises 9–16 is the LCD the same as the product of the denominators? What characteristic do the denominators in this set of problems have that the other problems do not?