

# Practice 9

Directions: Find the common denominator and rewrite the problem using the new denominator. Remember to multiply both the numerator and the denominator by the same number. Then add or subtract to solve each problem. Reduce the answer to its simplest form.

ex: 
$$\begin{array}{r} 10 \times 5 = 50 \\ \frac{10}{12} \times \frac{5}{6} \\ - \frac{1 \times 12}{5 \times 12} = \frac{12}{60} \\ \hline \end{array}$$

$$\frac{38 \div 2}{60 \div 2} = \frac{19}{30}$$

2. 
$$\frac{3}{10} + \frac{1}{3}$$

3. 
$$\frac{9}{10} - \frac{6}{7}$$

4. 
$$\frac{1}{8} + \frac{8}{10}$$

5. 
$$\frac{6}{9} - \frac{1}{2}$$

6. 
$$\frac{5}{6} - \frac{6}{10}$$

7. 
$$\frac{7}{8} - \frac{2}{6}$$

8. 
$$\frac{8}{9} - \frac{3}{11}$$

9. 
$$\frac{3}{9} + \frac{3}{8}$$

10. 
$$\frac{6}{8} - \frac{7}{10}$$

11. 
$$\begin{array}{r} 10 \frac{2}{8} \\ + 7 \frac{5}{8} \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 1 \frac{4}{5} \\ - 1 \frac{3}{5} \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 8 \frac{1}{6} \\ + 6 \frac{2}{6} \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 3 \frac{1}{2} \\ + 7 \frac{1}{2} \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 8 \frac{9}{12} \\ - 1 \frac{8}{12} \\ \hline \end{array}$$

Name \_\_\_\_\_



# \* Extra Practice if time

▲ Find common denominators. Subtract the fractions. Simplify to lowest terms.

ex

$$1. \quad 2 \frac{1 \times 2}{5 \times 2} \frac{2 \times 10}{10 \times 10} = \frac{12}{10}$$

$$- 1 \frac{1 \times 5}{2 \times 5} \frac{5}{10}$$


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$$1 \frac{7}{10}$$

$$2. \quad 6 \frac{1}{3}$$

$$- 4 \frac{7}{9}$$


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$$3. \quad 4 \frac{5}{9}$$

$$- 1 \frac{3}{4}$$


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$$4. \quad 8 \frac{1}{2}$$

$$- 5 \frac{6}{7}$$


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$$5. \quad 7 \frac{2}{6}$$

$$- 2 \frac{7}{12}$$


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$$6. \quad 9 \frac{3}{10}$$

$$- 4 \frac{5}{6}$$


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$$7. \quad 5 \frac{1}{4}$$

$$- 1 \frac{7}{8}$$


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$$8. \quad 2 \frac{4}{9}$$

$$- 1 \frac{5}{6}$$


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▲ Find common denominators. Add the fractions. Simplify to lowest terms.

$$1. \quad 2 \frac{1}{4}$$

$$+ 1 \frac{2}{3}$$


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$$2. \quad 6 \frac{7}{8}$$

$$+ 3 \frac{1}{4}$$


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

$$+ 4 \frac{3}{4}$$


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$$4. \quad 2 \frac{4}{5}$$

$$+ 1 \frac{1}{2}$$


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$$5. \quad 3 \frac{4}{7}$$

$$+ 2 \frac{1}{2}$$


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$$6. \quad 2 \frac{1}{3}$$

$$+ 3 \frac{7}{9}$$


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$$7. \quad 1 \frac{2}{3}$$

$$+ 5 \frac{5}{8}$$


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$$8. \quad 2 \frac{4}{9}$$

$$+ 4 \frac{5}{6}$$


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