

Unit 2: Computation

Subtraction with Regrouping



Sometimes we must regroup to subtract fractions.

Subtract: $8\frac{1}{5} - 3\frac{4}{5}$.

Step 1

$$\begin{array}{r} 8\frac{1}{5} = 7\frac{6}{5} \\ - 3\frac{4}{5} = 3\frac{4}{5} \\ \hline \end{array}$$

Step 2

$$\begin{array}{r} 8\frac{1}{5} = 7\frac{6}{5} \\ - 3\frac{4}{5} = 3\frac{4}{5} \\ \hline 4\frac{2}{5} \end{array}$$

Subtract. Write the answers in lowest terms.

$$\begin{array}{r} 1. \quad 6\frac{2}{9} \\ - 4\frac{8}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 3\frac{2}{5} \\ - 1\frac{4}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 2\frac{1}{4} \\ - 1\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 3\frac{2}{7} \\ - 2\frac{5}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 9 \\ - 3\frac{7}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 5 \\ - \frac{7}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 5\frac{3}{7} \\ - 3\frac{6}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 7\frac{5}{10} \\ - 4\frac{7}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 6\frac{1}{4} \\ - 2\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 8\frac{3}{11} \\ - 4\frac{7}{11} \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 9 \\ - 2\frac{13}{20} \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 7\frac{5}{9} \\ - 5\frac{8}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 8\frac{9}{11} \\ - 3\frac{10}{11} \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 7\frac{5}{12} \\ - 5\frac{7}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 6\frac{2}{7} \\ - 1\frac{5}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 5\frac{7}{12} \\ - 4\frac{11}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 9\frac{1}{3} \\ - 7\frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 25\frac{3}{8} \\ - 8\frac{7}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 16 \\ - 6\frac{7}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 10\frac{2}{6} \\ - 5\frac{5}{6} \\ \hline \end{array}$$