



Subtracting Fractions with Unlike Denominators

Procedure:

1. Find a common denominator.
2. Make equivalent fractions.
3. Borrow 1 from the minuend and add the fractional parts together.
4. Subtract.

Example:

$$6\frac{1}{3} - 4\frac{3}{4}$$

$$\begin{array}{r} 6\frac{1}{3} \\ - 4\frac{3}{4} \\ \hline \end{array} \rightarrow \begin{array}{r} 6\frac{4}{12} \\ - 4\frac{9}{12} \\ \hline \end{array} \rightarrow \begin{array}{r} 5\frac{16}{12} \\ - 4\frac{9}{12} \\ \hline 1\frac{7}{12} \end{array}$$

Subtract.

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

2. $7\frac{1}{2} - 2\frac{3}{5}$

3. $9\frac{6}{7} - 1\frac{19}{21}$

4. $8\frac{2}{5} - 4\frac{2}{3}$

5. $10\frac{7}{11} - 5\frac{17}{22}$

6. $3\frac{1}{3} - 2\frac{5}{9}$

7. $4\frac{11}{20} - 2\frac{3}{4}$

8. $6\frac{1}{6} - 4\frac{1}{2}$

9. $11\frac{2}{5} - 6\frac{2}{3}$

Name _____

Date _____

10. $16\frac{1}{12} - 3\frac{1}{4}$

11. $5\frac{3}{5} - 1\frac{8}{13}$

12. $13\frac{7}{10} - 9\frac{6}{7}$

13. $9\frac{5}{6} - 4\frac{11}{12}$

14. $12\frac{3}{7} - 8\frac{1}{3}$

15. $15\frac{1}{8} - 7\frac{9}{10}$