

Example 2

Find $6\frac{11}{16} - 2\frac{5}{8}$.

Estimate $7 - 3 = \underline{\hspace{2cm}}$

1 Write an equivalent fraction for $2\frac{5}{8}$ so that the fractions have the same denominator. The LCD is 16.

$$2\frac{5}{8} = 2\frac{5 \times \boxed{2}}{8 \times \boxed{2}} \rightarrow \boxed{} \frac{\boxed{}}{\boxed{}}$$

2 Subtract the wholes.
Then subtract the fractions.

$$\begin{array}{r} 6\frac{11}{16} \\ - 2\frac{5}{8} \\ \hline \end{array} \rightarrow \begin{array}{r} 6\frac{11}{16} \\ - 2\frac{\boxed{}}{\boxed{}} \\ \hline \end{array} = \boxed{} \frac{\boxed{}}{\boxed{}}$$

Subtract the wholes.
 $6 - 2 = 4$
Subtract the fractions.
 $\frac{11}{16} - \frac{10}{16} = \frac{1}{16}$

So, $6\frac{11}{16} - 2\frac{5}{8} = \boxed{} \frac{\boxed{}}{\boxed{}}$.

Check for Reasonableness $\underline{\hspace{2cm}} \approx \boxed{} \frac{\boxed{}}{\boxed{}}$

Talk MATH

Describe the steps you would take to find $3\frac{5}{8} - 2\frac{3}{8}$.

$$\begin{array}{r} 4\frac{2}{3} \\ - 2\frac{1}{3} \\ \hline \end{array} \rightarrow \boxed{} \frac{\boxed{}}{\boxed{}}$$

$$\begin{array}{r} 5\frac{4}{5} \\ - 3\frac{2}{5} \\ \hline \end{array} \rightarrow \boxed{} \frac{\boxed{}}{\boxed{}}$$

