



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NF.A.1 - Worksheet #28958

Name: _____**Standard: CCSS.Math.Content.5.NF.A.1**

Description: Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. For example, $\frac{2}{3} + \frac{5}{4} = \frac{8}{12} + \frac{15}{12} = \frac{23}{12}$. (In general, $\frac{a}{b} + \frac{c}{d} = \frac{ad + bc}{bd}$.)

Subtract Improper Fraction From Improper Fraction with Unlike Denominator:

1.

$$\begin{array}{r} 134 \\ - 53 \\ \hline 11 \end{array} \quad \begin{array}{r} 53 \\ - 12 \\ \hline \end{array} =$$

6.

$$\begin{array}{r} 109 \\ - 9 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ - 2 \\ \hline \end{array} =$$

2.

$$\begin{array}{r} 145 \\ - 62 \\ \hline 9 \end{array} \quad \begin{array}{r} 62 \\ - 8 \\ \hline \end{array} =$$

7.

$$\begin{array}{r} 50 \\ - 23 \\ \hline 4 \end{array} \quad \begin{array}{r} 23 \\ - 5 \\ \hline \end{array} =$$

3.

$$\begin{array}{r} 109 \\ - 3 \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ - 2 \\ \hline \end{array} =$$

8.

$$\begin{array}{r} 189 \\ - 25 \\ \hline 10 \end{array} \quad \begin{array}{r} 25 \\ - 3 \\ \hline \end{array} =$$

4.

$$\begin{array}{r} 16 \\ - 15 \\ \hline 7 \end{array} \quad \begin{array}{r} 15 \\ - 9 \\ \hline \end{array} =$$

9.

$$\begin{array}{r} 157 \\ - 67 \\ \hline 11 \end{array} \quad \begin{array}{r} 67 \\ - 10 \\ \hline \end{array} =$$

5.

$$\begin{array}{r} 13 \\ - 10 \\ \hline 2 \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline \end{array} =$$

10.

$$\begin{array}{r} 34 \\ - 5 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ - 2 \\ \hline \end{array} =$$

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