Name: _____

Subtracting Fractions

with Unlike Denominators

Step 1: **Find equivalent fractions and rewrite the problem so that the denominators are the same.**

Step 2: **Subtract the numerators and use the same denominators in your answer.**

Step 3: **Simplify if possible.**

example:

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

a. $\begin{array}{r} \frac{4}{8} \\ -\frac{1}{4} \\ \hline \end{array}$

b. $\begin{array}{r} \frac{7}{12} \\ -\frac{3}{6} \\ \hline \end{array}$

c. $\begin{array}{r} \frac{1}{2} \\ -\frac{1}{6} \\ \hline \end{array}$

d. $\begin{array}{r} \frac{9}{10} \\ -\frac{1}{2} \\ \hline \end{array}$

Preview
Please log in to download the printable version of this worksheet.

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

j. $\begin{array}{r} \frac{5}{8} \\ -\frac{2}{4} \\ \hline \end{array}$

k. $\begin{array}{r} \frac{9}{10} \\ -\frac{2}{5} \\ \hline \end{array}$

l. $\begin{array}{r} \frac{5}{6} \\ -\frac{2}{3} \\ \hline \end{array}$

ANSWER KEY

Subtracting Fractions

with Unlike Denominators

Step 1: **Find equivalent fractions and rewrite the problem so that the denominators are the same.**

Step 2: **Subtract the numerators and use the same denominators in your answer.**

Step 3: **Simplify if possible.**

example: $\frac{1}{4} = \frac{2}{8}$

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

$\frac{1}{8}$

a. $\frac{4}{8}$ $-\ \frac{1}{4}$ $\frac{2}{6} = \frac{1}{3}$

b. $\frac{7}{12}$ $-\ \frac{3}{6}$ $\frac{3}{10}$

c. $\frac{1}{2}$ $-\ \frac{1}{6}$ $\frac{3}{12} = \frac{1}{4}$

d. $\frac{9}{10}$ $-\ \frac{1}{2}$ $\frac{4}{6}$

Preview
Please log in to download the printable version of this worksheet.

i. $\frac{1}{2}$ $-\ \frac{1}{4}$ $\frac{1}{4}$

j. $\frac{5}{8}$ $-\ \frac{2}{4}$ $\frac{1}{8}$

k. $\frac{9}{10}$ $-\ \frac{2}{5}$ $\frac{5}{10} = \frac{1}{2}$

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