Name: _____

Subtracting Fractions

with Unlike Denominators, Requires Simplifying

$$\begin{array}{r} \frac{2}{3} \\ -\frac{1}{6} \end{array} \qquad \begin{array}{r} \frac{2}{3} = \frac{4}{6} \\ -\frac{1}{6} = \frac{1}{6} \end{array} \qquad \begin{array}{r} \frac{2}{3} = \frac{4}{6} \\ -\frac{1}{6} = \frac{1}{6} \\ \hline \frac{\quad}{6} \end{array} \text{ same}$$

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

Subtract the fractions and simplify the answers.

Preview

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

a. $\frac{4}{6} - \frac{2}{10}$ b. $\frac{4}{8} - \frac{2}{12}$ c. $\frac{3}{5} - \frac{2}{10}$ d. $\frac{3}{7} - \frac{1}{3}$

i. $\frac{4}{12} - \frac{1}{6}$ j. $\frac{3}{4} - \frac{2}{8}$ k. $\frac{10}{14} - \frac{2}{7}$ l. $\frac{5}{6} - \frac{2}{12}$

m. $\frac{11}{12} - \frac{1}{6}$ n. $\frac{9}{10} - \frac{2}{5}$ o. $\frac{2}{3} - \frac{3}{9}$ p. $\frac{5}{6} - \frac{1}{2}$

ANSWER KEY

Subtracting Fractions

with Unlike Denominators, Requires Simplifying

$\frac{2}{3} - \frac{1}{6}$ $\quad \frac{2}{3} = \frac{4}{6}$ $\quad \frac{1}{6} = \frac{1}{6}$ $\quad \frac{2}{3} - \frac{1}{6} = \frac{3}{6} = \frac{1}{2}$

same

Subtract the fractions and simplify the answers.

a. $\frac{4}{6} = \frac{8}{12}$ $\quad - \frac{2}{10} = \frac{2}{10}$ $\quad \frac{2}{10} = \frac{1}{5}$

b. $\frac{4}{8} = \frac{4}{8}$ $\quad - \frac{2}{12} = \frac{2}{12}$ $\quad \frac{4}{12} = \frac{1}{3}$

c. $\frac{3}{5} = \frac{6}{10}$ $\quad - \frac{2}{10} = \frac{2}{10}$ $\quad \frac{6}{10} = \frac{3}{5}$

d. $\frac{6}{14} = \frac{6}{14}$ $\quad - \frac{2}{6} = \frac{2}{6}$ $\quad \frac{3}{6} = \frac{1}{2}$

Super Teacher Worksheets

Preview

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

i. $\frac{4}{12} = \frac{4}{12}$ $\quad - \frac{1}{6} = \frac{2}{12}$ $\quad \frac{2}{12} = \frac{1}{6}$

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

k. $\frac{6}{14} = \frac{6}{14}$ $\quad - \frac{2}{14} = \frac{2}{14}$ $\quad \frac{6}{14} = \frac{3}{7}$

l. $\frac{5}{6} = \frac{10}{12}$ $\quad - \frac{2}{12} = \frac{2}{12}$ $\quad \frac{8}{12} = \frac{2}{3}$

m. $\frac{11}{12} = \frac{11}{12}$ $\quad - \frac{1}{6} = \frac{2}{12}$ $\quad \frac{9}{12} = \frac{3}{4}$

n. $\frac{9}{10} = \frac{9}{10}$ $\quad - \frac{2}{5} = \frac{4}{10}$ $\quad \frac{5}{10} = \frac{1}{2}$

o. $\frac{2}{3} = \frac{6}{9}$ $\quad - \frac{3}{9} = \frac{3}{9}$ $\quad \frac{3}{9} = \frac{1}{3}$

p. $\frac{5}{6} = \frac{5}{6}$ $\quad - \frac{1}{2} = \frac{3}{6}$ $\quad \frac{2}{6} = \frac{1}{3}$