

Name: _____

Subtracting Fractions

with Unlike Denominators, Requires Simplifying

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

same

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

Subtract the fractions and simplify the answers.



Preview

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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

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

$$\frac{2}{3} = \frac{4}{6}$$

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same

$$\frac{2}{3} = \frac{4}{6}$$

$$\frac{1}{6} = \frac{1}{6}$$

$$\frac{3}{6}$$

$$\frac{3}{6} = \frac{1}{2}$$

Subtract the fractions and simplify the answers.

a. $\frac{4}{8}$

b. $\frac{4}{4}$

c. $\frac{3}{6}$

d. $\frac{3}{6}$



Preview

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$$\frac{2}{10} = \frac{1}{5}$$

$$\frac{4}{12} = \frac{1}{3}$$

$$\frac{6}{10} = \frac{3}{5}$$

$$\frac{3}{6} = \frac{1}{2}$$

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

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

k. $\frac{10}{14} = \frac{10}{14}$
 $-\frac{2}{7} = \frac{4}{14}$
 $\frac{6}{14} = \frac{3}{7}$

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

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

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

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

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