Name _____

Reteaching
10-1

Adding and Subtracting Fractions with Like Denominators

Example 1

$$\begin{array}{r} \frac{1}{9} \\ +\ \frac{2}{9} \\ \hline \end{array}$$

The denominators are the same, so you can add the numerators.

$\frac{3}{9} = \frac{1}{3}$ Rewrite $\frac{3}{9}$ as $\frac{1}{3}$

Example 2

$$\begin{array}{r} \frac{6}{18} \\ +\ \frac{6}{18} \\ \hline \end{array}$$

$\frac{12}{18} = \frac{6}{9} = \frac{2}{3}$

Write $\frac{12}{18}$ in simplest form.

$\frac{12}{18} \xrightarrow{\div 6} \frac{2}{3}$ (also $\xrightarrow{\div 6}$)

Add or subtract fractions, and write answers in simplest form.

1. $\frac{1}{4} + \frac{1}{4}$ _____

2. $\frac{1}{3} + \frac{1}{3}$ _____

3. $\frac{5}{14} - \frac{3}{14}$ _____

4. $\frac{1}{11} + \frac{3}{11}$ _____

5. $\frac{17}{22} - \frac{5}{22}$ _____

6. $\begin{array}{r} \frac{1}{6} \\ +\ \frac{2}{6} \\ \hline \end{array}$ _____

7. $\begin{array}{r} \frac{9}{10} \\ -\ \frac{4}{10} \\ \hline \end{array}$ _____

8. $\begin{array}{r} \frac{11}{16} \\ -\ \frac{7}{16} \\ \hline \end{array}$ _____

9. $\begin{array}{r} \frac{3}{12} \\ +\ \frac{6}{12} \\ \hline \end{array}$ _____

10. $\begin{array}{r} \frac{1}{25} \\ +\ \frac{4}{25} \\ \hline \end{array}$ _____

11. At lunch, Alice ate $\frac{3}{8}$ of her sandwich. Later, for a snack, she ate another $\frac{3}{8}$ of the sandwich. How much of the sandwich did Alice eat?

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