**Lesson 5 Reteach**

***Fluently Add and Subtract Rational Numbers: Like Fractions***

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| **Like fractions** are fractions that have the same denominator. To add or subtract like fractions, add or subtract the numerators and write the result over the denominator.Simplify if necessary. |

**Example 1**

**Determine** $\frac{3}{4}+\frac{1}{4}$**. Express in simplest form.**

$\frac{3}{4}+\frac{1}{4}=\frac{3 + 1}{4}$ Add the numerators.



 $=\frac{4}{4}$ Write the sum over

 the denominator.

 = 1 Simplify.

**Example 2**

**Determine** $\frac{2}{3}-\frac{1}{3}$**. Express in simplest form.**

$\frac{2}{3}-\frac{1}{3}=\frac{2 - 1}{3}$ Subtract the numerators.



 $=\frac{1}{3}$ Write the difference over
 the denominator.

**Exercises**

**Add or subtract. Express in simplest form.**

 **1.** $\frac{5}{8}+\frac{1}{8}$ **2.** $\frac{7}{9}-\frac{2}{9}$

 **3.** $-\frac{1}{4}+\frac{3}{4}$ **4.** $\frac{7}{8}-\frac{5}{8}$

 **5.** $\frac{5}{9}+\frac{5}{9}$ **6.** $-\frac{3}{8}-\frac{1}{8}$

 **7.** $\frac{3}{10}+\frac{1}{10}$ **8.** $\frac{2}{5}-\frac{1}{5}$

 **9.** $\frac{7}{15}+\frac{4}{15}$ **10.** $\frac{7}{9}-\frac{8}{9}$