**5.5 Key Concepts 5 Using a Graphing Calculator to Perform Operations With Rational Numbers Worked Example**

**Example**: Use your graphing calculator to evaluate $2\frac{3}{5}-1\frac{1}{3}+3\frac{1}{4}$. Use the **Frac** function to express the answer in fractional form.

**Solution**: Express the mixed numbers as improper fractions.

$$2\frac{3}{5}-1\frac{1}{3}+3\frac{1}{4}=\frac{13}{5}-\frac{4}{3}+\frac{13}{4}$$

Enter $13\div 5-4\div 3+13\div 4$.

Then, use the **Frac** function under the **MATH** key to convert the answer to the fraction form $\frac{271}{60}=4\frac{31}{60}$.

**Practice**:

**1.** Use your graphing calculator to evaluate $-1\frac{2}{3}+2\frac{5}{6}+1\frac{3}{4}$. Use the **Frac** function to express the answer in fractional form.

**2.** Use your graphing calculator to evaluate $2\frac{3}{8}-1\frac{1}{2}+2\frac{1}{4}$. Use the **Frac** function to express the answer in fractional form.

Answers: 1. $2\frac{11}{12}$. 2. $3\frac{1}{8}$.