Name _____ Date _____ Class _____

SKILL 48

Skills Readiness

Add and Subtract Fractions

General Operation Reminders	
Adding and Subtracting Fractions	
Like Fractions (same denominators)	Unlike Fractions (different denominators)
Step 1: Add or subtract the numerators. Step 2: Write the sum or difference of the numerators over the denominator. Step 3: Write the answer in simplest form.	Step 1: Find the least common denominator (LCD) and then rewrite each fraction so that its denominator is the LCD. Step 2: Follow the steps for adding or subtracting like fractions.
Example 1: Add $\frac{1}{8} + \frac{5}{8}$. $\frac{1}{8} + \frac{5}{8} = \frac{1+5}{8} = \frac{6}{8}$ (GCF of 6 and 8 is 2.) $\frac{6}{8} = \frac{6 \div 2}{8 \div 2} = \frac{3}{4}$ The sum is $\frac{3}{4}$.	Example 2: Subtract $1\frac{1}{2} - \frac{3}{4}$. Rewrite $1\frac{1}{2}$ as $\frac{3}{2}$. The LCD of 2 and 4 is 4. $\frac{3}{2} \times \frac{2}{2} = \frac{6}{4}$ $\frac{6}{4} - \frac{3}{4} = \frac{3}{4}$ The difference is $\frac{3}{4}$.

Practice on Your Own

Add or subtract. Give your answer in simplest form.

1. $\frac{2}{5} + \frac{1}{5}$ _____

2. $\frac{5}{7} - \frac{2}{7}$ _____

3. $\frac{2}{5} + \frac{1}{10}$ _____

4. $\frac{4}{9} - \frac{1}{3}$ _____

5. $1\frac{5}{9} - \frac{2}{9}$ _____

6. $\frac{7}{8} + \frac{3}{4}$ _____

7. $1\frac{2}{3} - \frac{5}{6}$ _____

8. $\frac{2}{3} + \frac{1}{6} + \frac{5}{12}$ _____

Check

Add or subtract. Give your answer in simplest form.

9. $\frac{6}{11} + \frac{3}{11}$ _____

10. $\frac{8}{9} - \frac{2}{9}$ _____

11. $\frac{3}{14} + \frac{1}{7}$ _____

12. $\frac{7}{12} - \frac{1}{4}$ _____

13. $1\frac{7}{8} - \frac{3}{8}$ _____

14. $\frac{7}{10} + \frac{3}{5}$ _____

15. $1\frac{1}{8} - \frac{3}{4}$ _____

16. $\frac{1}{5} + \frac{4}{15} + \frac{3}{10}$ _____