

Day 9: Adding & Subtracting Fractions**Lesson: Fraction Operations****Adding and Subtracting Fractions**

To add or subtract fractions the denominators must be the same. Then, you add or subtract the numerators, and the denominators stay the same.

Example 5: $\frac{-1}{2} + \frac{3}{4}$	Example 6: $\frac{5}{6} - \left(\frac{-3}{4}\right)$
Example 7: $1\frac{1}{2} + 2\frac{3}{4}$	Example 8: $-2\frac{1}{5} - 4\frac{2}{3}$

Practice: Operations with Fractions

Evaluate the following:

*final answers should be in lowest terms

a. $\frac{1}{2} + \frac{3}{7}$

b. $\frac{-1}{4} + \frac{-2}{5}$

c. $\frac{1}{8} + 2\frac{1}{6}$

d. $\frac{-1}{2} + \frac{2}{3} + 2\frac{1}{6}$

e. $\frac{2}{3} - \frac{1}{5}$

f. $\frac{8}{3} - \frac{9}{5}$

g. $2\frac{2}{3} - 4\frac{1}{5}$

h. $-2\frac{1}{3} - 3\frac{1}{6}$

ANSWERS: a. $\frac{13}{14}$ b. $\frac{-13}{20}$ c. $\frac{55}{24}$ d. $\frac{7}{3}$ e. $\frac{7}{15}$ f. $\frac{13}{15}$ g. $\frac{-23}{15}$ h. $\frac{-11}{2}$