

# Problem of the Day:

A weather reporter records rainfall as  $\frac{3}{10}$  inch between 9:00 and 10:00 and  $\frac{7}{8}$  inch between 10:00 and 11:00.

- a. Estimate the total rainfall between 9:00 and 11:00.
- b. What is the total rainfall between 9:00 and 11:00?

12/11/09

Objective:  
TSWBAT add and  
subtract fractions with  
unlike denominators



## Steps for adding and subtracting fractions with unlike denominators

1. Find a common denominator.
2. Add or subtract as needed.

$$\frac{1}{4} + \frac{1}{3}$$

$$\frac{1}{4} \overset{\times 3}{=} \frac{3}{12} \qquad \frac{1}{3} \overset{\times 4}{=} \frac{4}{12}$$

$$\frac{3}{12} + \frac{4}{12} = \frac{7}{12}$$

$$\frac{1}{2} - \frac{1}{3}$$

$$\frac{1}{2} \overset{\times 3}{=} \frac{3}{6} \qquad \frac{1}{3} \overset{\times 2}{=} \frac{2}{6}$$

$$\frac{3}{6} - \frac{2}{6} = \frac{1}{6}$$

**Practice:**



# Homework:

## Reteach 4-3

\*complete practice 4-3 for 5 pts of extra credit.