### October 12, 2011

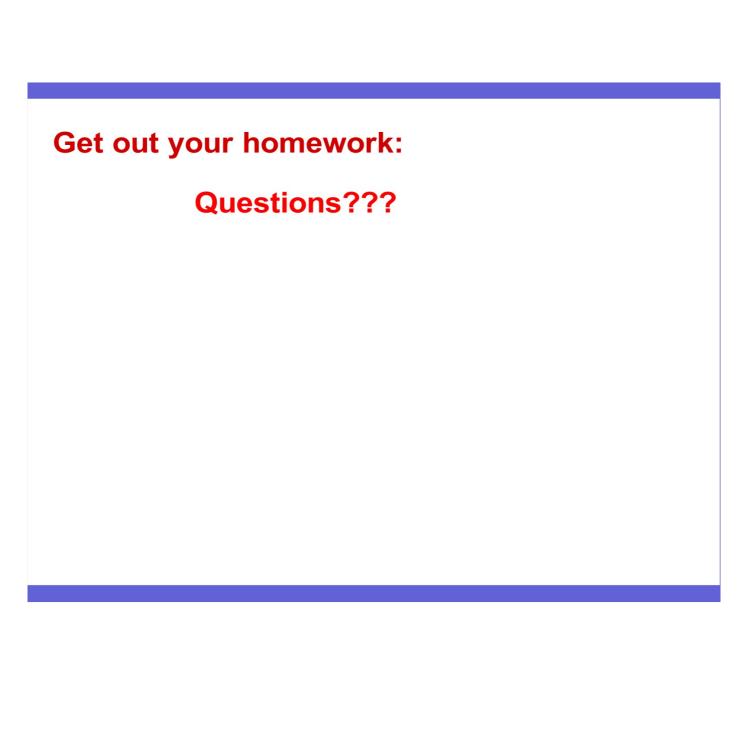
## **Warm-Up**:

$$4.6 - 8 - 3.3$$

$$-3.2 - 5.7 + 10$$

$$-6.2 + (-3.7) - 9.12$$

$$19 + (-5.6) - 13.4$$



# 19/11 - Adding/Subtracting Fractions

What needs to be done when adding or subtracting fractions?

$$3\frac{1}{4} + 1\frac{5}{6}$$

Get a common denominator

Why is it necessary to get a common denominator?

So you are adding subtracting the same size pieces

#### Compute:

$$4\frac{1}{5} + 2\frac{3}{8}$$

$$4\frac{1}{5} + \frac{8}{40}$$

$$+ 2\frac{3}{8} + \frac{5}{40}$$

$$- \frac{3}{6} + \frac{5}{40}$$

$$3\frac{1}{4} + 1\frac{5}{6}$$

$$3\frac{13}{43} \frac{3}{12}$$

$$+ \frac{52}{62} \frac{10}{12}$$

$$+ \frac{13}{12} = 5\frac{1}{12}$$

#### **Remember:**

Same sign
Add and
Keep the sign
Different signs
Subtract and
Keep the sign of
the biggest #

$$-4\frac{3}{4} + \left(+1\frac{5}{6}\right)$$

$$\frac{3}{4} + \left(+1\frac{5}{6}\right)$$

$$\frac{3}{4} + \left(+1\frac{5}{6}\right)$$

$$\frac{3}{4} + \left(+1\frac{5}{6}\right)$$

$$\frac{12}{6} + \left(-2\frac{11}{6}\right)$$

$$\frac{12}{6} + \left(-2\frac{11}{6}\right)$$

#### Compute each:

$$-2\frac{1}{3} + \left(-2\frac{4}{5}\right)$$

$$-2\frac{1}{3}\frac{5}{15}$$

$$-2\frac{4}{5}\frac{15}{15}$$

$$-3\frac{2}{5} + \left(-8\frac{1}{2}\right)$$

$$-3\frac{2}{5}\frac{4}{10}$$

$$+3\frac{2}{5}\frac{4}{10}$$



## **Homework:**

Pink worksheet pizzazz 32/\$\square \text{Front-Only}

Due tomorrow