**Estimating Sums and Differences**

1) Rounding - Round all parts of the problem to the

greatest place value and then add or subtract

 3,610 -- 4,000 5,675 -- 6,000

 +1,315 -- *+*1*,*000 - 2,820 -- -3,000

 5,000 3,000

2) Rounding for a RANGE of answers. (RANGE is

the high and the low answers)

You round BOTH numbers in the problem DOWN

and then BOTH numbers in the problem UP

 3,000 3,610 4,000

 +1,000 +1,315 +2,000

 4,000 6,000

My range of answers is between 4,000 and 6,000

2) Front End Estimation - our eyes focus on the

FRONT of the problem (the largest place value)

 3,468 8,098

 +4,987 -3,409

 7,000 5,000