

**You Gotta Know Stuff  
to  
Solve Problems**

**Ratio & Proportion; unit rates, constant of variation  
~ Percent Proportion**

**Area –  $s^2$ ,  $lw$ ,  $bh$ ,  $\frac{1}{2}b$ ,  $\frac{1}{2}(B+b)h$ ,  $\pi r^2$**

**Perimeter – Circumference**

**Volume = area x height**

**Pythagorean Thm, Distance Formula**

**Angles; complementary, supplementary, triangle, vertical, parallel lines**

**Averages; mean, median, mode**

**$D = rt$**

**Probability**

**Fundamental Counting Principle**

**Slope**

**Graphs & Charts, read & interpret**

**Venn Diagrams**