IMPORTANT EQUATIONS AND FORMULAS

<u>BASIC PERCENT EQUATION</u>:

Percent • Base = Amount

<u>MARKUP EQUATIONS</u>:

Markup = Selling price – Cost

Selling price = Cost + Markup

Markup = r • Cost, where r is the markup *rate*

<u>DISCOUNT EQUATIONS</u>:

Markdown = Regular price – Sale price

Markdown = r • Regular price, where r is the discount *rate*

<u>GEOMETRIC FORMULAS</u>:

Perimeter:

Triangle	$P = a + b + c$
Rectangle	$P = 2L + 2W$
Square	$P = 4s$
Circle	$C = 2\pi r$ or πd

Area:

Triangle	$A = \frac{1}{2}\, b \cdot h$
Rectangle	$A = LW$
Square	$A = s^2$
Circle	$A = \pi r^2$

Info from Math 51 – Instructor Jan Smith