**PC 20 Final Exam Formulas**

 or (Geometric Series)

 (Infinite Geometric series)

(Geometric Sequence)

 OR = (Arithmetic Series)

tn = t1 + d(n – 1) (Arithmetic Sequence)

a2 = b2 + c2 – 2bcCosA 

Quadratic Formula: x =

Vertex Graphing form: y = a(x-p)2 + q

Standard Form: y = ax2 + bx + c

p =

q = c – ap2