

Formula Sheet Math 128

$$\int_a^b F'(t)dt = F(b) - F(a)$$

$$\frac{1}{b-a} \int_a^b f(x)dx$$

$$\int_0^{q^*} (d(q) - p^*)dq$$

$$\int_0^{q^*} (p^* - s(q))dq$$

$$PV = \int_0^M s(t) * e^{-rt} dt$$

$$FV = PV * e^{rM}$$

$$\int u dv = u * v - \int v du$$