

Word Assignment #5

Equation Editor

Your Name

$$f(x) = a_0 + \sum_{n=1}^{\infty} \left(a_n \cos \frac{n\pi x}{L} + b_n \sin \frac{n\pi x}{L} \right) \quad (1)$$

$$R = \frac{E}{I} \quad (2)$$

$$\tan \Theta = \frac{\sin \Theta}{\cos \Theta} \quad (3)$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \quad (4)$$

$$v = \lim_{\Delta t \rightarrow 0} \left[\frac{\Delta l}{\Delta t} \right] \quad (5)$$

$$s = v_i t + \frac{1}{2} a t^2 \quad (6)$$

$$a_{av} = \frac{\Delta v}{\Delta t} = \frac{v_f - v_i}{t_f - t_i} \quad (7)$$

$$I = \frac{1}{2} c \epsilon_0 E_0^2 \quad (8)$$

$$\frac{4}{2}\alpha + \frac{9}{4}Be \rightarrow \frac{12}{6}C + \frac{1}{0}n \quad (9)$$

$$Z = \sqrt{R^2 + (X_L - X_C)^2} \quad (10)$$

$$\tan \varphi = \frac{X_L - X_C}{R} \quad (11)$$

$$P = I^2 R \quad (12)$$
$$= \frac{V^2}{R}$$

$$\varepsilon = 2Bl \frac{a}{2} \omega \sin \omega t = Bl a \omega \sin \omega t \quad (13)$$