

$$=\frac{3^{2}}{2}\int_{0}^{2}\cos(2\omega t)dt = -\frac{\sqrt{2}^{2}}{4}\sin(25\pi 0)$$

$$90\omega = 9+89$$

$$89 = 2t(t_{1}-t)$$

$$80\omega = 4(t_{1}-t)$$

$$90\omega = 4(t_{1}-t$$







