5. $M = 0^2$ Muw^2 $M = J \cdot E$ $K \cdot W = T dw$ $K \cdot dt = \frac{1}{2} dw$ $K \cdot dt = \frac{1}{2} dw$ $W = \frac{k^2 t^2}{4T^2}$ $W = \frac{k^2 t^2}{4T^2}$