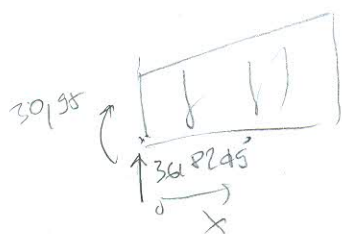
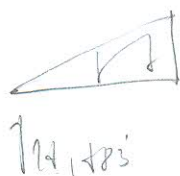


$$p(x) = \frac{25}{5}x$$

$$T(x) = - \int p(x) dx = - \frac{25}{12} x^2 + C_1$$

$$M(x) = \int T(x) dx = - \frac{25}{24} x^3 + C_1 x + C_2$$



$$T(x) = - \frac{25}{12} x^2 + 36,825$$

$$x = \pm \sqrt{\frac{12}{25} \cdot 34,825} = 5,145$$

$$M(x) = - \frac{25}{24} x^3 + 36,825 \cdot x + 39,95$$

$$\max M = M(5,145) =$$