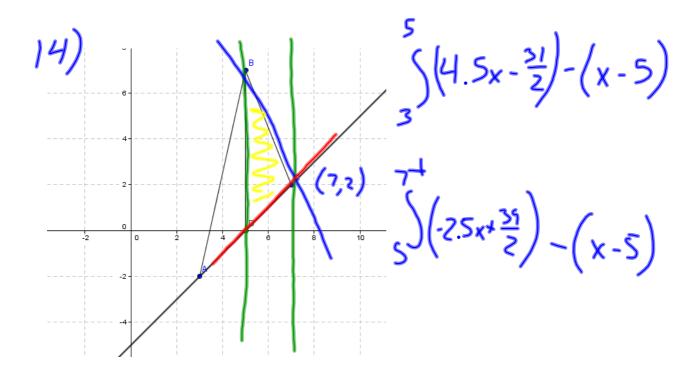


$$\int_{0}^{b} (16-2x)dx = \int_{0}^{8} (162x)dx$$

$$|6(x-x^{2})|_{0}^{b} = |6x-x^{2}|$$

$$|6(x)-x^{2}|_{0}^{b} = |6x-x^{2}|_{0}^{b} = |6x-x^{2}|_{0}^{b}$$

$$|6(x)-x^{2}|_{0}^{b} = |6x-x^{2}|_{0}^{b} = |6x-x^{2}|_{0}^{b}$$



1) b
$$f(x) = c \cos x dx$$
 $\left[0, \frac{\pi}{2}\right]$

$$\frac{\int c \cos x dx}{\int \sqrt{2-0}} = \frac{\sin x}{\sqrt{2}} = \frac{1-0}{\sqrt{2}} = \frac{2}{\sqrt{2}}$$

$$\left(\frac{\int f(c)}{\int c \cos x dx} + \frac{1-0}{\sqrt{2}}\right)$$

$$\left(\frac{\int f(c)}{\int c \cos x dx} + \frac{1-0}{\sqrt{2}}\right)$$

$$\int (x) = x^{2} + 1$$

$$\frac{2}{2} = x^{2} + 1$$

$$\frac{2}{3} = x^{2} + 1$$

(od)
$$f(x) = \int_{4}^{x^{2}} (os(t^{2}) dt)$$

= $sin(t^{2})^{2} - sin(4)^{2}$
= $2x (os(t^{4}))$

Test next Wednesday over Average Value, Area between curves, and other various topics such as velocity, limits, etc.

Review is available on Weebly.