Calculus AB

4-4

(Day 1)

Fundamental Theorem of Calculus

<u>The Fundamental Theorem of Calculus</u> -

Evaluate each definite integral. (pg 293)

8) $\displaystyle\int_{2}^{5} (-3v + 4)\, dv$

18) $\displaystyle\int_{1}^{8} \sqrt{\frac{2}{x}}\, dx$

Evaluate each definite integral.

*) $\displaystyle\int_{0}^{5} |x - 3| \, dx$

34) $\displaystyle\int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} (2t + \cos t) \, dt$