AP Calculus AB Thursday, May 2, 2013

Review on Sunday HERE at 5pm....over by 7 at the latest. You should be practicing your rules EVERY DAY Rework the quizzes for FULL CREDIT.

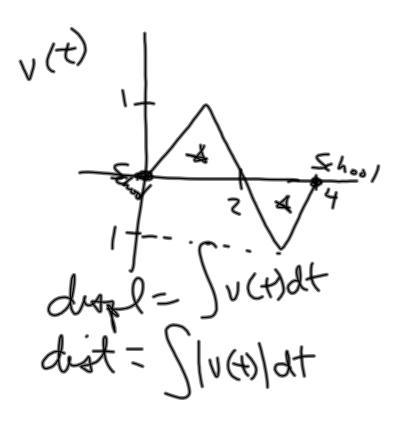
 $\overline{2\chi+3}dx$

2

Evaluate:

$$\begin{array}{c} y - y_{1} = m(x - x_{1}) \\ y - y_{1} = m(x - x_{1}) \\ y - y_{1} = y_{1}(x) = 30 \quad \Rightarrow point (x_{1}y) \\ p = 20 \quad \Rightarrow slope \\ r(x_{1}) - 30 = 2(x - 5) \\ r(x_{1}) - 30 = 2(x - 5) \\ r(x_{1}) - 30 = 2(x - 4) \\ r(x_{2}) - 30 = 2(x - 4) \\ r(x_{3}) = 30.8 \quad \text{feat} \\ r^{1}(x) < 0 \quad \text{on } 0 < x < 12 \quad \therefore \quad r(5.4) \text{ is an} \\ 0 \text{ our -estimate} \\ (b) V = \frac{4}{3} \pi r^{-3} \\ \frac{dV}{dt} = 4\pi r^{-2} \frac{dx}{dt} \\ r'(s) = 2.0 \\ dV = 4\pi r^{-2} \frac{dx}{dt} \\ r'(s) = 2.0 \\ dV = 4\pi r^{-2} \frac{dx}{dt} \\ r'(s) = 2.0 \\ r'(s)$$

\f(+)at = -1 Q f(x)dx ļο ŝ, 0 fix)isdec. f(1.2)<0 <0) S f"(x) f '(۱.३)? f(13)-f(1) 1.3-1.1 D. ≈ા૧ × Kari () outer $\chi'_{1}(t) = cont$ $\chi'_{1}(t) = cont$ $\chi'_{1}(t) = cont$ $\chi'_{1}(t) = cont$ $\chi'_{1}(t) = cont$ -0.4 V(t) + -> plugith calc Ì 1 D. Tri² = mile -)



MATH: NUM: Abs