AP Cacc 2.9 HW

3. 
$$f(x): \sqrt{x}$$
,  $a = x$ 
 $f'(x): \sqrt{x}$ ,  $a = x$ 
 $f'$ 

$$L(x) = 10 + \frac{1}{20} (x - 100)$$

= -20 csc 
$$\frac{\pi}{6}$$
 cot  $\frac{\pi}{6}$   $\left(\pm \frac{\pi}{180}\right)$ 

$$20/\sin\frac{\pi}{6}$$

## LE BORNASAN

$$b. \frac{1854.72 - 421}{\pi 24^2} = 0.01667$$

$$f'(x) = \sqrt{x^2 + 5}$$
;  $f'(x) = 3$ ;  $f(x) = -4$ 

$$dV = 2\pi v^2 dv$$