Derivatives of Trig Function Examples

Example 1.) dasing6

n d 4 sine 0 - 7 à 4058 app 11 à 11 Ju d 4 sin 36 aprison 20 à la role

$$V(6) = 36$$
 $\frac{df}{de} = \frac{df}{du} \cdot \frac{du}{de} = 4 \cos u \cdot 3 = 12 \cos u = 12 \cos u$

(sec 6) (ton6) + (ton6) (sec6) = (sec 6 ton6) (ton8) + sec 6 (sec 8) = ton6 sec 6 + sec 6 Example 3.) In secono

Example 4.) de (1+ 13/16)

$$\frac{(326)}{(1+3106)(026) - (026)(1+2106)} \cdot \frac{(326)}{(326)} \cdot \frac{(3$$

$$\frac{df}{dv} \cdot \frac{dv}{dv} = \frac{4}{1+v^2} \cdot 3x^2 |w|^2 + \frac{1}{1+v^2}$$

$$f(v) = \frac{4}{1+v^2} \cdot 3x^2 |w|^2 + \frac{1}{1+v^2} \cdot 3x^2 |w|^2 + \frac$$

Example 6.) d sinth asth