

Thomas's Calculus 14Ed. Pag. 121 - Exercises 3.2

In Exercises 13–16, differentiate the functions and find the slope of the tangent line at the given value of the independent variable.

(E.13)

$$f(x) = x + \frac{9}{x}, x = -3$$

Solution:

$$f(x) = x + \frac{9}{x}, x = -3$$

$$f(-3) = -3 + \frac{9}{-3}$$

$$f(-3) = -3 - 3$$

$$f(-3) = -6$$

https://docs.google.com/document/d/1TYe-Ci1CRfWSolyYCmfOerhWoEA9i06l3v_oqOXjFIE/edit?usp=sharing