

3. (2 points) Find the equation of the line tangent to the graph of $y = x^3 - 10x$ at $x = 2$.

4. (3 points) Find derivatives of the following functions. Use Leibniz notation for the derivative.

(a) $y = \ln(2x^5 + 8x^2 + 15)$

(b) $h = \frac{9}{r^3}$

(c) $P = 4t^3 e^{-t}$