

Higher Derivatives (3.5)

Second Derivatives: Find the first and second derivatives of the function.

1. $g(x) = \frac{2x+1}{x-1}$

2. $f(v) = 2 \sin v + 4v$

Higher Derivatives: Find the following higher derivatives.

3. Find y''' $y = \frac{2x}{x+3}$

4. If $g(x) = \sqrt{x+2}$, find $g'''(2)$