

Show all work on this sheet, including mental steps, in a clearly organized way that speaks for itself. Use proper mathematical notation. Box final short answers.

① Given the following tabular data for x and $f(x)$, evaluate the numerical derivative values $f'(x)$ for each data point (use table below).

b) Graph your data points connected by straight lines on the axes provided, choosing appropriate units for the tickmarks on the second graph:

x	$f(x)$	work ↓	result ↓
0.0	1.0		
0.1	2.0		
0.2	2.5		
0.3	1.5		

