

Question #3

In graph $f(x_0)$, we can see that as the function passes $x=4$, the function starts moving towards zero (or $-y$), thus failing the HLT; concluding $f(x_0)$ is not a one-to-one function.

Reference to the next page (pg 4) for the graphs

Question #4

In the graph $f(x_1)$, the same can be applied from $f(x_0)$ to $f(x_1)$, thus $f(x_1)$ is not one-to-one.



Graphs for question 3 & 4

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