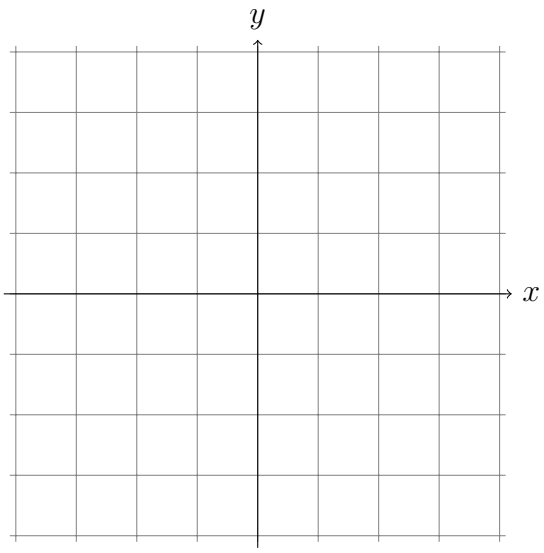
Find an example of a function f that is continuous at every real number, is differentiable at every real number EXCEPT $x = -2$, where the derivative $f'(-2)$ **does not exist**. Your answer will consist of a formula/equation and a graph.

Your answer: $f(x) =$

Your graph:



You may answer this question on your own paper, or on a copy of this question sheet.