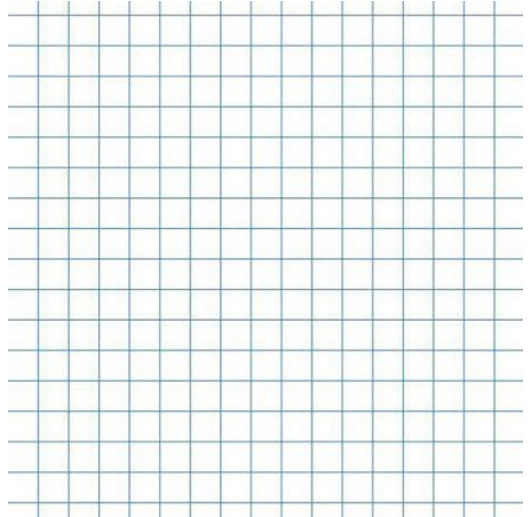


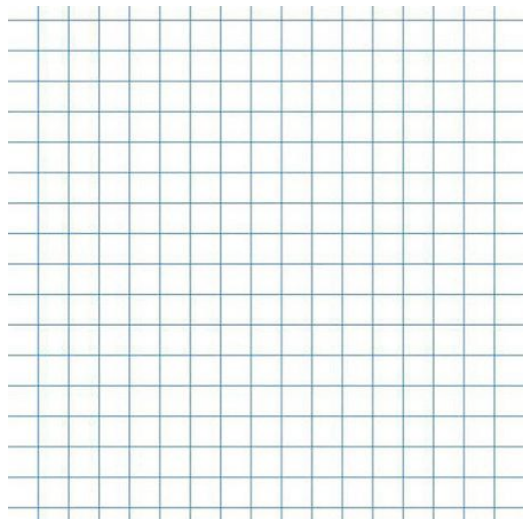
MCS22 Homework 5

Use calculus techniques to sketch the graph of each function.

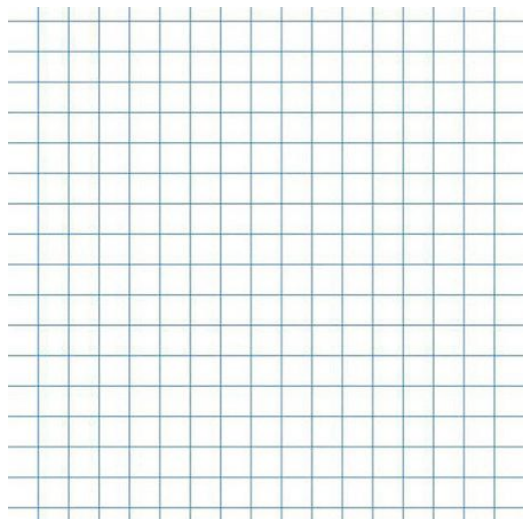
1. $f(x) = 12 - 12x + x^3$



2. $f(x) = \frac{2x}{x^2 - 1}$



3. $f(x) = 4 + \sqrt[3]{x-1}$



4. $f(x) = (2x + 3)^{\frac{2}{3}}$

