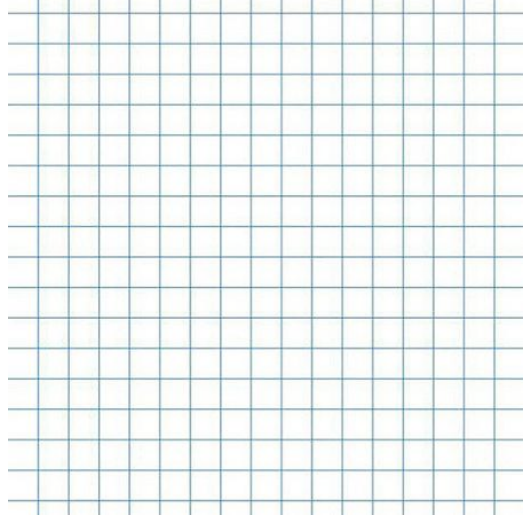


## MCS22 Homework 2

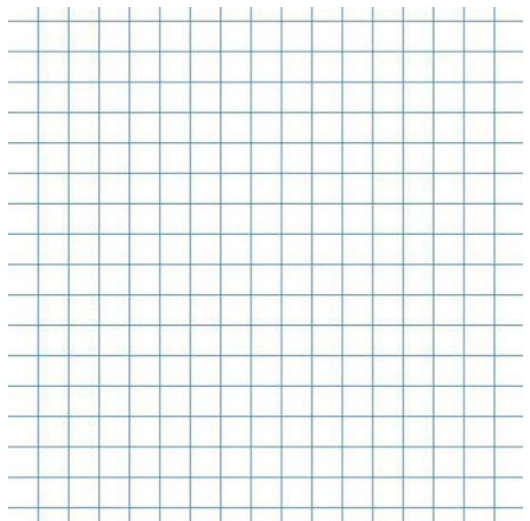
Use calculus techniques to sketch the graph of each function.

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



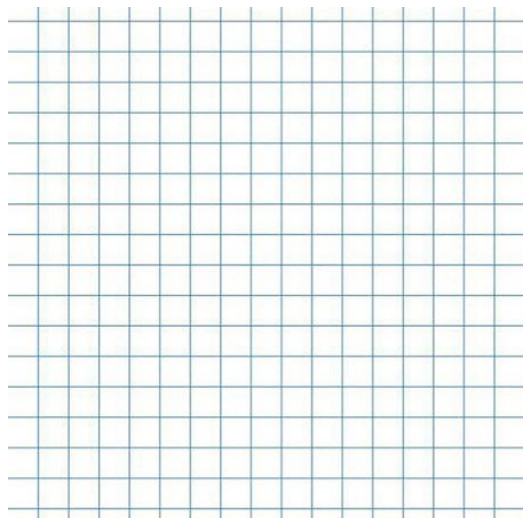
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2.  $f(x) = \frac{2x}{x^2 - 1}$



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



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

