

Question 17685

a) 1, -1

b) $f''(x) = \frac{-12x^3}{(x^2-1)^2} + \frac{6x}{x^2-1} + x^3\left(\frac{8x^2}{(x^2-1)^3} - \frac{2}{(x^2-1)^2}\right) = 0 \Rightarrow x=0$. For $x \in (-1;0) \cup (1;+\infty)$,
function is concave up.

c) 0