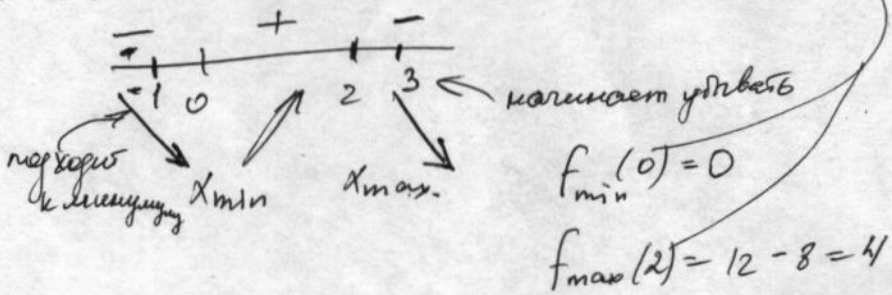
б) $f(x) = 3x^2 - x^3$

$f'(x) = 6x - 3x^2 = 0$.

$3x(2-x) = 0$

$x = 0$

$x = 2$



$f_{min}(0) = 0$

$f_{max}(2) = 12 - 8 = 4$