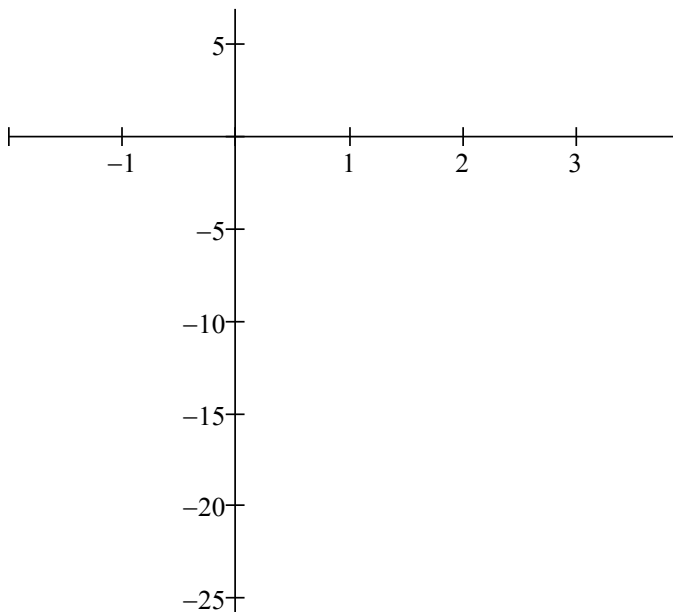


Extreme Values of Functions II

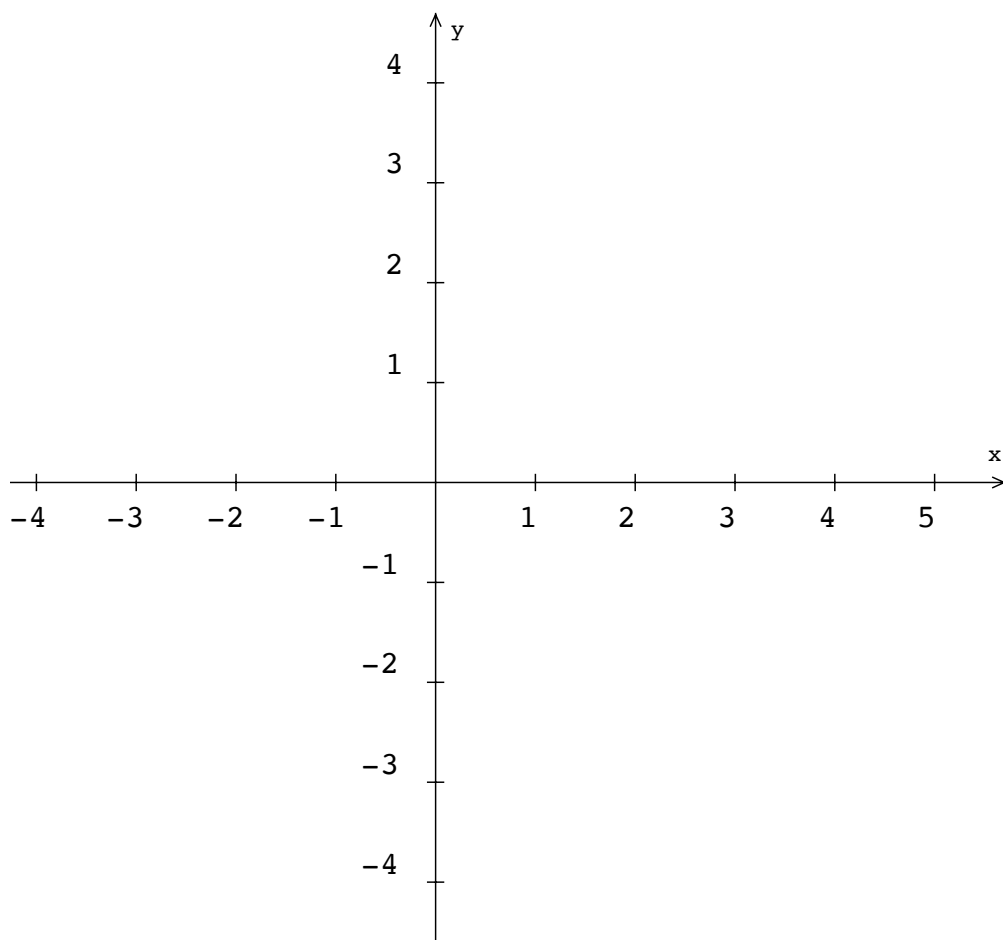
Name _____

Find the critical values of the functions given and indicate which are maxima or minima and determine if it is relative or absolute. Sketch the graph of the function on the axes provided. Show the work that leads to your answers. You may use your calculators only to check your answers.

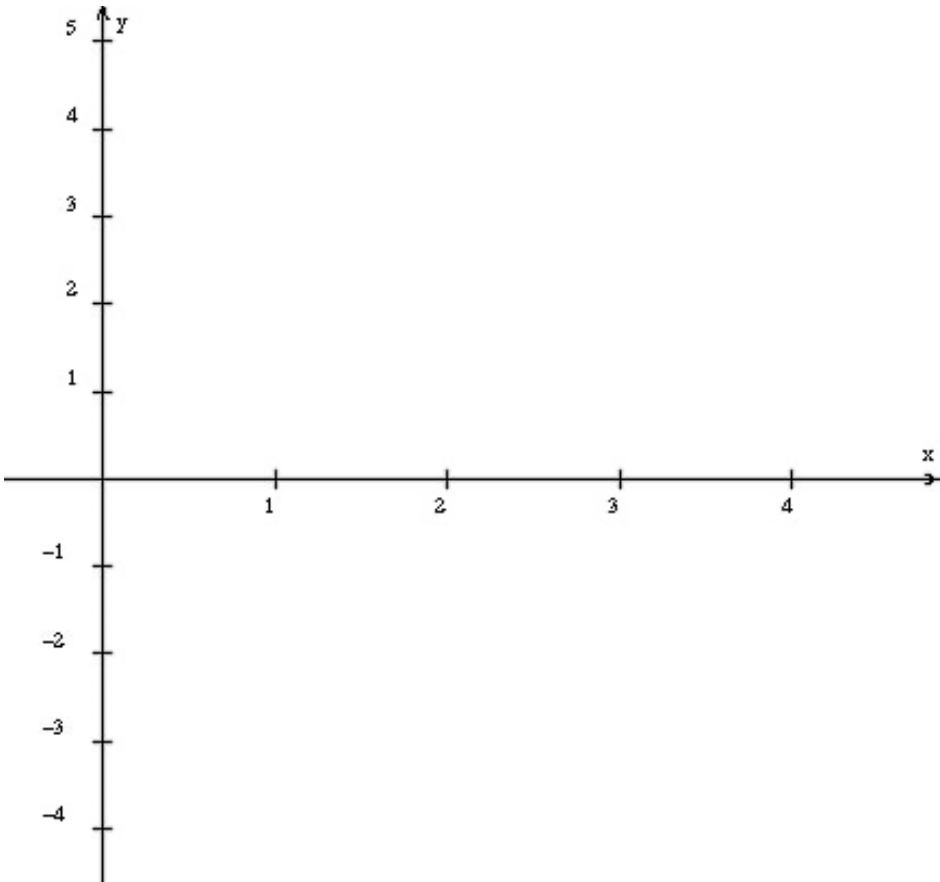
1) $y = x^3 - 6x^2 + 9x - 4$



2) $y = x^4 - 4x$



3) $y = x^3 - 6x^2 + 12x - 7$



4) $y = 2x^3 - 9x^2 - 60x + 32$

