AB Calculus: Mean Value Theorem Function Practice

Name:



- 5. For each function, find the critical numbers of *f* and where the function is increasing or decreasing and find all relative extrema.
- a) $h(x) = \frac{2}{x}$
- b) $f(x) = x^3 6x^2 + 15$

c)
$$h(x) = \frac{-x}{x^2 + 4}$$

d)
$$g(x) = x^2 - x - \ln x$$