MAT 362 Spring 2007 quiz 6 Name:

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Hours: MW 10:10-12:10, F 10:10-11:10

1. Use Mathematica to find the degree 3 polynomial that has the points $(1, -1)$, $(2, 3)$, $(4, -2)$ and $(7, 8)$. Find the location of its local extrema. Sketch the graph indicating the important values on the graph.