Math 231 Worksheet 4

1. Find the absolute maximum and absolute minimum of f on the given interval.

$$f(x) = 2x^3 - 3x^2 + 4, \quad [-1, 2].$$

2. Let $f(x) = (x^2 - 1)^3$. Find the absolute maximum and absolute minimum values of f on the interval $[-1, 2]$.