

# Maxima and Minima

## Problem 1

Find the absolute maximum and minimum values of the function  $f(x) = x^2 - 1$  on the interval  $[-1, 2]$ . Then graph the function on the given interval using the information you have found.

## Problem 2

Find the Absolute Extrema of  $f(x) = 1 - x^{\frac{2}{3}}$  on the interval  $[-2, 2]$ .