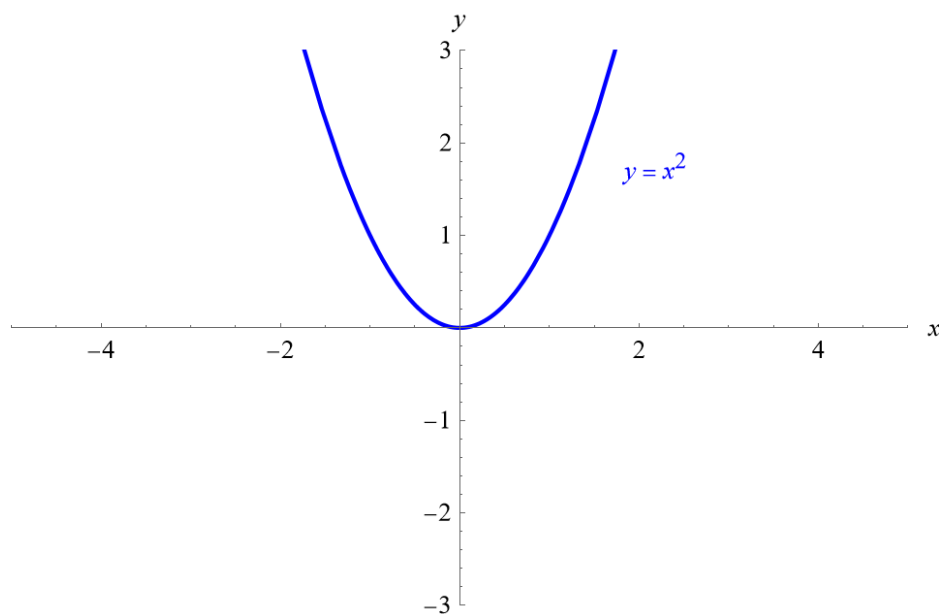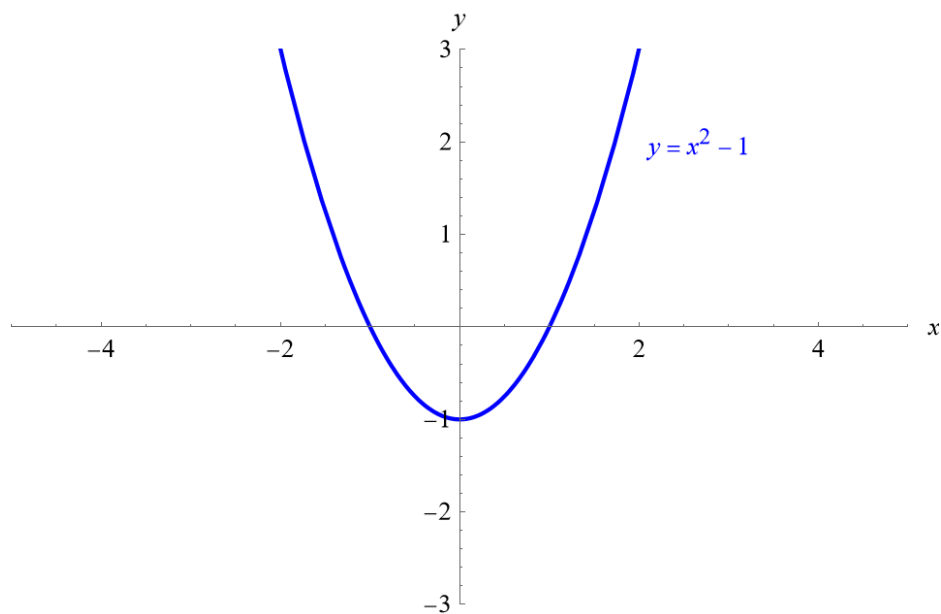# Exercise 77

Graph the function $y = |x^2 - 1|$.

Solution

The parent function is $y = x^2$.

Subtracting 1 shifts the graph down by 1 unit.

Placing an absolute value sign around the function reflects the part of the graph below the x-axis above it.