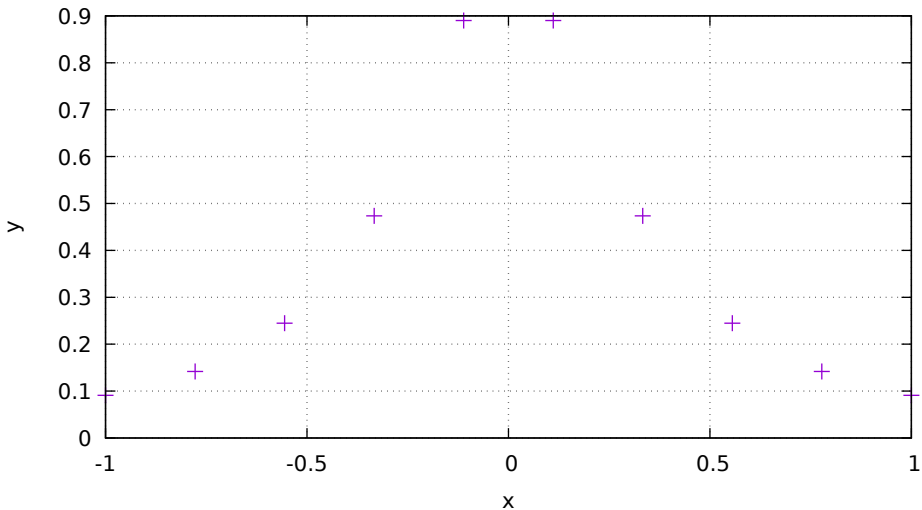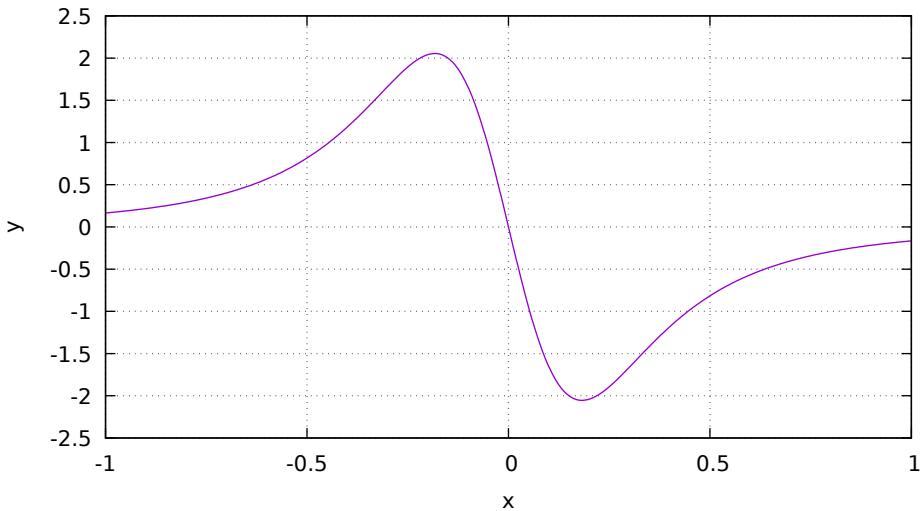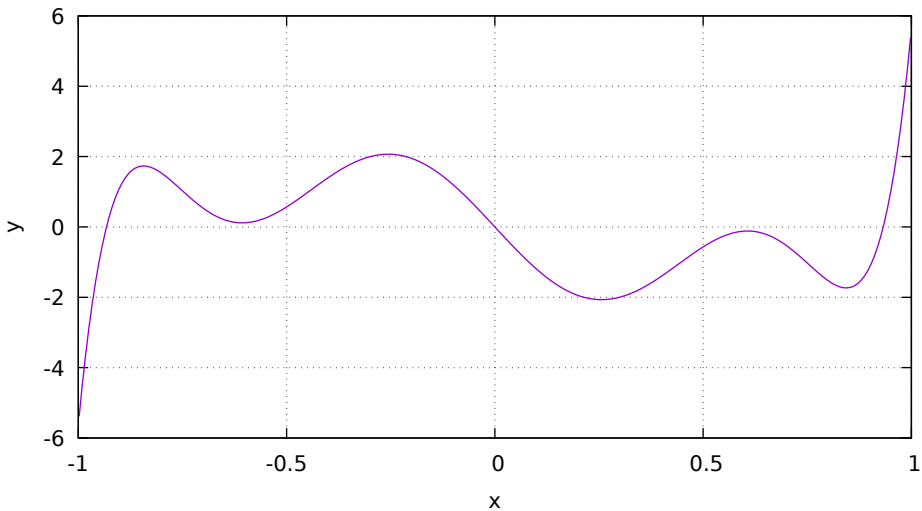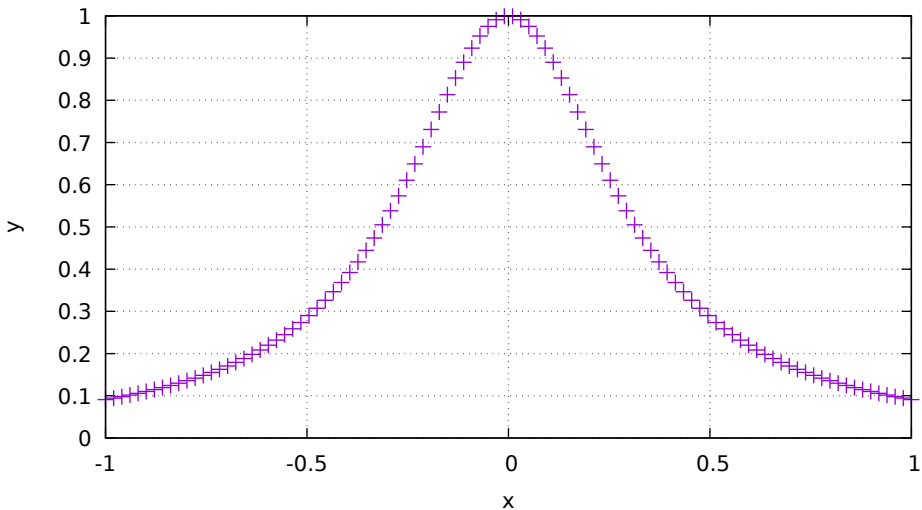q3 --- Original Data (10 sample points)

q3 --- Expected derivative curve

q3 --- 10 terms derivative approximation

q3 --- Original Data (100 sample points)

q3 --- 100 terms derivative approximation