

Exercise 2

AP2-EX:2

X = 3.4544340874935875

Iteration	x	f(x)	f'(x)	x_new	x_new - x
0	4.000000	3.500000e+01	81.620971	3.571189	4.288114e-01
1	3.571189	5.625774e+00	53.072097	3.465186	1.060025e-01
2	3.465186	4.693044e-01	44.117582	3.454549	1.063758e-02
3	3.454549	4.944208e-03	43.187106	3.454434	1.144834e-04
4	3.454434	5.748899e-07	43.177062	3.454434	1.331471e-08