

x_n	$f(x_n)$	$f'(x_n)$
5	149	85
3.247058824	43.77840179	38.12429066
2.09875151	12.64925019	17.41177672
1.372274804	3.467321157	8.393964022
0.9592016543	0.8025983827	4.67860675
0.7876552035	0.1090625747	3.436512566
0.7559187927	0.003355213299	3.226077249
0.7548787638	0.000003533476	3.219283372
0.7548776662	0	3.219276205
0.7548776662	0	3.219276205
0.7548776662	0	3.219276205
0.7548776662	0	3.219276205
0.7548776662	0	3.219276205