

iteration (n)	a <sub>n</sub>	a <sub>n+1</sub>	f(a)	a <sub>n+1</sub> - a <sub>n</sub>
0	3	4.8	-8.966909834	1.8
1	4.8	4.056084055	6.316379052	-0.743915945
2	4.056084055	4.595170375	-8.966909834	0.53908632
3	4.595170375	4.813370669	6.316379052	0.218200294
4	4.813370669	4.682285321	-16.62393093	-0.131085348
5	4.682285321	4.692756671	-4.789925709	0.01047135
6	4.692756671	4.694107323	7.207593025	1.35E-03
7	4.694107323	4.694091111	-0.625741879	-1.62116E-05
8	4.694091111	4.694091133	-0.071490351	2.20227E-08
9	4.694091133		0.000868508	

interval  
3-4.8