Вариант 15
Функция y = x^2 * sin(x)
Интервал [9, 12]

N	T	x	f(x)
1	10000	9.09566	26.7394
2	9500	11.5718	-112.286
3	9025	10.5985	-103.591
4	8573.75	11.7188	-102.954
5	8145.06	10.9586	-120.009
6	7737.81	9.32822	8.38865
7	7350.92	10.2865	-80.3111
8	6983.37	11.3666	-120.409
9	6634.2	11.3681	-120.369
10	6302.49	10.2173	-74.3408
11	5987.37	11.031	-121.607
12	5688	11.5949	-111.01
13	5403.6	10.5114	-97.7904
14	5133.42	9.0725	28.3998
15	4876.75	11.332	-121.215
16	4632.91	10.5942	-103.317
17	4401.27	9.00935	32.7583
18	4181.2	10.6868	-108.806
19	3972.14	11.8018	-96.4181
20	3773.54	10.1234	-65.9119
21	3584.86	9.04225	30.5193
22	3405.62	9.6108	-17.083
23	3235.34	11.9754	-79.9022
24	3073.57	10.9869	-120.708
25	2919.89	10.027	-56.9499
26	2773.9	11.4093	-119.189
27	2635.2	10.7818	-113.602
28	2503.44	9.25416	14.5412
29	2378.27	11.3594	-120.589

30	2259.36	11.1296	-122.757
31	2146.39	10.458	-93.9411
32	2039.07	9.30989	9.93607
33	1937.11	10.2298	-75.4364
34	1840.26	11.3068	-121.701
35	1748.25	10.8069	-114.718
36	1660.83	9.37977	3.95808
37	1577.79	11.3459	-120.911
38	1498.9	10.5112	-97.7753
39	1423.96	11.7262	-102.406
40	1352.76	11.8924	-88.2626
41	1285.12	9.48689	-5.5865
42	1220.87	9.54005	-10.4679
43	1159.82	9.51619	-8.267
44	1101.83	10.8973	-118.177
45	1046.74	9.29463	11.2121
46	994.403	11.9769	-79.7475
47	944.682	10.8071	-114.725
48	897.448	11.9821	-79.1907
49	852.576	11.4861	-116.372
50	809.947	10.0043	-54.8131
51	769.45	11.5654	-112.624
52	730.977	10.0332	-57.5338
53	694.428	9.60177	-16.2322
54	659.707	11.6248	-109.253
55	626.722	10.6486	-106.634
56	595.386	10.582	-102.537
57	565.616	10.8528	-116.583
58	537.335	11.6736	-106.133
59	510.469	11.5447	-113.688
60	484.945	11.2137	-122.768
61	460.698	10.832	-115.765
62	437.663	10.832	-115.765
63	415.78	11.6632	-106.821
64	394.991	10.5709	-101.817
65	375.241	10.3471	-85.3322

66	356.479	10.9011	-118.305
67	338.655	10.7691	-113.012
68	321.723	10.575	-102.083
69	305.636	10.7941	-114.155
70	290.355	10.6699	-107.864
71	275.837	10.7639	-112.767
72	262.045	10.7639	-112.767
73	248.943	11.4547	-117.621
74	236.496	11.7613	-99.715
75	224.671	11.3393	-121.058
76	213.437	9.22865	16.5968
77	202.765	9.55951	-12.2747
78	192.627	11.2449	-122.537
79	182.996	10.3702	-87.1883
80	173.846	9.26668	13.5192
81	165.154	10.7738	-113.234
82	156.896	10.6228	-105.092
83	149.051	11.3793	-120.072
84	141.599	10.1156	-65.2017
85	134.519	11.4171	-118.94
86	127.793	11.4171	-118.94
87	121.403	10.3317	-84.0761
88	115.333	10.9809	-120.567
89	109.566	10.9809	-120.567
90	104.088	10.9809	-120.567
91	98.8836	11.0934	-122.475
92	93.9395	11.7442	-101.05
93	89.2425	10.6993	-109.486
94	84.7804	10.6055	-104.03
95	80.5413	11.1277	-122.746
96	76.5143	11.1277	-122.746
97	72.6886	11.1277	-122.746
98	69.0541	11.1277	-122.746
99	65.6014	11.1277	-122.746
100	62.3214	11.287	-122.025
101	59.2053	11.287	-122.025

102	56.245	11.287	-122.025
103	53.4328	11.287	-122.025
104	50.7611	11.112	-122.641
105	48.2231	10.4307	-91.8971
106	45.8119	11.2926	-121.939
107	43.5213	11.5842	-111.608
108	41.3453	10.5998	-103.669
109	39.278	11.5595	-112.932
110	37.3141	11.7025	-104.129
111	35.4484	11.0709	-122.217
112	33.676	9.99802	-54.2148
113	31.9922	11.7657	-99.3688
114	30.3926	10.6202	-104.934
115	28.8729	10.6202	-104.934
116	27.4293	10.6202	-104.934
117	26.0578	10.6202	-104.934
118	24.7549	10.6202	-104.934
119	23.5172	10.6202	-104.934
120	22.3413	10.6202	-104.934
121	21.2243	10.6202	-104.934
122	20.1631	10.3483	-85.4271
123	19.1549	10.3483	-85.4271
124	18.1972	10.1731	-70.4161
125	17.2873	10.5988	-103.61
126	16.4229	10.4858	-95.9691
127	15.6018	11.2574	-122.41
128	14.8217	10.9218	-118.962
129	14.0806	10.9218	-118.962
130	13.3766	11.1355	-122.788
131	12.7078	11.1355	-122.788
132	12.0724	11.1564	-122.859
133	11.4687	11.1564	-122.859
134	10.8953	11.1564	-122.859
135	10.3505	11.1564	-122.859
136	9.83302	10.7394	-111.571
137	9.34136	11.4257	-118.656

138	8.8743	10.8189	-115.225
139	8.43058	10.8189	-115.225
140	8.00905	10.8189	-115.225
141	7.6086	10.8189	-115.225
142	7.22817	11.108	-122.609
143	6.86676	11.108	-122.609
144	6.52342	11.108	-122.609
145	6.19725	11.1619	-122.869
146	5.88739	11.1619	-122.869
147	5.59302	11.1619	-122.869
148	5.31337	11.1619	-122.869
149	5.0477	11.1619	-122.869
150	4.79532	11.1619	-122.869
151	4.55555	11.1619	-122.869
152	4.32777	11.1619	-122.869
153	4.11138	11.1619	-122.869
154	3.90581	11.1619	-122.869
155	3.71052	11.1619	-122.869
156	3.525	11.1619	-122.869
157	3.34875	11.1619	-122.869
158	3.18131	11.1619	-122.869
159	3.02224	11.1619	-122.869
160	2.87113	11.1619	-122.869
161	2.72758	11.1619	-122.869
162	2.5912	11.1544	-122.855
163	2.46164	11.1544	-122.855
164	2.33856	11.1544	-122.855
165	2.22163	11.1544	-122.855
166	2.11055	11.1544	-122.855
167	2.00502	11.1544	-122.855
168	1.90477	11.1544	-122.855
169	1.80953	11.1544	-122.855
170	1.71905	11.1544	-122.855
171	1.6331	11.1544	-122.855
172	1.55145	11.1544	-122.855
173	1.47387	11.1544	-122.855

174	1.40018	11.1544	-122.855
175	1.33017	11.1544	-122.855
176	1.26366	11.1544	-122.855
177	1.20048	11.1544	-122.855
178	1.14045	11.1544	-122.855
179	1.08343	11.1544	-122.855
180	1.02926	11.1544	-122.855
181	0.977798	11.1544	-122.855
182	0.928908	11.1544	-122.855
183	0.882462	11.1544	-122.855
184	0.838339	11.1544	-122.855
185	0.796422	11.1544	-122.855
186	0.756601	11.1544	-122.855
187	0.718771	11.1544	-122.855
188	0.682833	11.1544	-122.855
189	0.648691	11.1544	-122.855
190	0.616256	11.1544	-122.855
191	0.585444	11.2179	-122.744
192	0.556171	11.2179	-122.744
193	0.528363	11.2179	-122.744
194	0.501945	11.2179	-122.744
195	0.476847	11.2179	-122.744
196	0.453005	11.2179	-122.744
197	0.430355	11.1326	-122.773
198	0.408837	11.1326	-122.773
199	0.388395	11.1326	-122.773
200	0.368975	11.1326	-122.773
201	0.350527	11.1326	-122.773
202	0.333	11.1326	-122.773
203	0.31635	11.1326	-122.773
204	0.300533	11.1326	-122.773
205	0.285506	11.1326	-122.773
206	0.271231	11.1326	-122.773
207	0.257669	11.1326	-122.773
208	0.244786	11.1326	-122.773
209	0.232547	11.1326	-122.773

```
|       209 |  0.232547 |   11.1326 |-122.773
|       210 |  0.220919 |   11.1326 |-122.773
|       211 |  0.209873 |   11.1326 |-122.773
|       212 |   0.19938 |   11.1326 |-122.773
|       213 |  0.189411 |   11.1326 |-122.773
|       214 |   0.17994 |   11.1326 |-122.773
|       215 |  0.170943 |   11.1326 |-122.773
|       216 |  0.162396 |   11.1326 |-122.773
|       217 |  0.154276 |   11.1326 |-122.773
|       218 |  0.146562 |   11.1326 |-122.773
|       219 |  0.139234 |   11.1326 |-122.773
|       220 |  0.132272 |   11.1326 |-122.773
|       221 |  0.125659 |   11.1326 |-122.773
|       222 |  0.119376 |   11.1326 |-122.773
|       223 |  0.113407 |   11.1326 |-122.773
|       224 |  0.107737 |   11.1326 |-122.773
|       225 |   0.10235 |   11.1326 |-122.773
-----------------------------------------------
Result: Xmin = 11.1326 | Fmin = -122.773
```