```
Функция y = x^2 * sin(x) * sin(5 * x)
Интервал [9, 12]
------------------------------------------------
|        N |        T |        x |      f(x)
------------------------------------------------
|        1 |    10000 |  11.4804 |-87.8646
|        2 |     9500 |  10.5357 |-66.2371
|        3 |     9025 |  10.6912 |5.355
|        4 |  8573.75 |  9.56034 |7.74637
|        5 |  8145.06 |  9.47221 |0.999642
|        6 |  7737.81 |  9.26335 |9.96249
|        7 |  7350.92 |  11.2506 |35.6833
|        8 |  6983.37 |  11.9631 |10.1459
|        9 |   6634.2 |  9.15557 |21.7341
|       10 |  6302.49 |  10.9666 |118.956
|       11 |  5987.37 |  11.4586 |-79.5732
|       12 |     5688 |  11.0649 |114.88
|       13 |   5403.6 |  9.75359 |30.6375
|       14 |  5133.42 |  10.7906 |59.1928
|       15 |  4876.75 |  9.81285 |33.9772
|       16 |  4632.91 |  9.27224 |9.02475
|       17 |  4401.27 |  10.6679 |-7.27238
|       18 |   4181.2 |  11.3093 |0.251254
|       19 |  3972.14 |  11.3386 |-17.3961
|       20 |  3773.54 |  9.77679 |32.3679
|       21 |  3584.86 |  11.2365 |43.8851
|       22 |  3405.62 |  10.0107 |11.6643
|       23 |  3235.34 |  10.0014 |13.9427
|       24 |  3073.57 |   10.518 |-71.6295
|       25 |  2919.89 |   11.973 |13.9272
|       26 |   2773.9 |  10.9747 |119.766
|       27 |   2635.2 |  11.1515 |87.3611
|       28 |  2503.44 |  10.3956 |-88.2994
|       29 |  2378.27 |  10.0505 |0.768455
|       30 |  2259.36 |  10.3914 |-88.2186
|       31 |  2146.39 |  10.4569 |-84.5874
```

32	2039.07	11.9685	12.2255
33	1937.11	10.682	0.315385
34	1840.26	9.47341	1.0503
35	1748.25	11.2918	10.9148
36	1660.83	10.6666	-7.95302
37	1577.79	10.6319	-25.8715
38	1498.9	10.8243	75.6477
39	1423.96	9.55017	6.69245
40	1352.76	9.12908	24.1828
41	1285.12	10.5403	-64.6951
42	1220.87	11.6371	-108.259
43	1159.82	9.80114	33.6127
44	1101.83	9.76395	31.4705
45	1046.74	11.1876	70.4298
46	994.403	9.89188	31.7936
47	944.682	11.9773	15.559
48	897.448	9.37612	1.02997
49	852.576	9.18582	18.5769
50	809.947	9.26519	9.76652
51	769.45	9.76512	31.5587
52	730.977	9.01636	28.767
53	694.428	11.1274	97.0395
54	659.707	10.9405	115.01
55	626.722	11.8278	-49.3409
56	595.386	11.1469	89.3264
57	565.616	11.1005	106.054
58	537.335	10.2862	-73.7877
59	510.469	10.2862	-73.7877
60	484.945	10.0011	14.0083
61	460.698	11.4189	-61.7116
62	437.663	9.02137	28.8196
63	415.78	10.3671	-86.9386
64	394.991	10.4173	-88.0447
65	375.241	11.254	33.6682
66	356.479	11.0781	112.046
67	338.655	10.1401	-28.4361

68	321.723	10.9357	114.071
69	305.636	11.1752	76.5604
70	290.355	10.1521	-32.5626
71	275.837	11.6247	-109.262
72	262.045	10.206	-50.7647
73	248.943	10.2888	-74.376
74	236.496	9.92313	28.477
75	224.671	9.92313	28.477
76	213.437	9.02301	28.831
77	202.765	10.9206	110.672
78	192.627	11.3978	-50.9576
79	182.996	11.3978	-50.9576
80	173.846	9.90234	30.8452
81	165.154	11.0465	117.942
82	156.896	10.8559	89.3636
83	149.051	9.85917	33.7366
84	141.599	9.18708	18.4392
85	134.519	9.50634	2.9197
86	127.793	9.19908	17.1149
87	121.403	9.404	0.190486
88	115.333	10.8144	70.9875
89	109.566	9.93897	26.244
90	104.088	9.59973	12.3095
91	98.8836	9.47876	1.29261
92	93.9395	10.544	-63.4431
93	89.2425	10.544	-63.4431
94	84.7804	10.544	-63.4431
95	80.5413	11.7473	-82.234
96	76.5143	11.8613	-34.1302
97	72.6886	10.3149	-79.874
98	69.0541	10.3149	-79.874
99	65.6014	10.3149	-79.874
100	62.3214	10.3149	-79.874
101	59.2053	9.16262	21.0265
102	56.245	11.9531	6.16867
103	53.4328	9.55133	6.80875

103	53.4328	9.55133	6.80875
104	50.7611	11.7768	-71.075
105	48.2231	11.7768	-71.075
106	45.8119	11.7768	-71.075
107	43.5213	11.7768	-71.075
108	41.3453	11.7768	-71.075
109	39.278	11.7768	-71.075
110	37.3141	11.7768	-71.075
111	35.4484	11.7768	-71.075
112	33.676	11.5508	-105.886
113	31.9922	10.4914	-78.397
114	30.3926	10.2449	-62.815
115	28.8729	10.2449	-62.815
116	27.4293	10.2449	-62.815
117	26.0578	10.2449	-62.815
118	24.7549	11.519	-99.4707
119	23.5172	11.519	-99.4707
120	22.3413	11.519	-99.4707
121	21.2243	11.519	-99.4707
122	20.1631	11.519	-99.4707
123	19.1549	11.519	-99.4707
124	18.1972	11.519	-99.4707
125	17.2873	11.519	-99.4707
126	16.4229	11.519	-99.4707
127	15.6018	11.519	-99.4707
128	14.8217	11.519	-99.4707
129	14.0806	11.519	-99.4707
130	13.3766	11.519	-99.4707
131	12.7078	11.519	-99.4707
132	12.0724	11.519	-99.4707
133	11.4687	11.519	-99.4707
134	10.8953	11.519	-99.4707
135	10.3505	11.519	-99.4707
136	9.83302	11.519	-99.4707
137	9.34136	11.519	-99.4707
138	8.8743	11.519	-99.4707

139	8.43058	11.519	-99.4707
140	8.00905	11.519	-99.4707
141	7.6086	11.519	-99.4707
142	7.22817	11.519	-99.4707
143	6.86676	11.519	-99.4707
144	6.52342	11.519	-99.4707
145	6.19725	11.519	-99.4707
146	5.88739	11.519	-99.4707
147	5.59302	11.519	-99.4707
148	5.31337	11.519	-99.4707
149	5.0477	11.519	-99.4707
150	4.79532	11.519	-99.4707
151	4.55555	11.519	-99.4707
152	4.32777	11.519	-99.4707
153	4.11138	11.519	-99.4707
154	3.90581	11.519	-99.4707
155	3.71052	11.519	-99.4707
156	3.525	11.519	-99.4707
157	3.34875	11.519	-99.4707
158	3.18131	11.5448	-104.907
159	3.02224	11.5448	-104.907
160	2.87113	11.5448	-104.907
161	2.72758	11.5448	-104.907
162	2.5912	11.5448	-104.907
163	2.46164	11.5448	-104.907
164	2.33856	11.5448	-104.907
165	2.22163	11.5448	-104.907
166	2.11055	11.5448	-104.907
167	2.00502	11.5448	-104.907
168	1.90477	11.5448	-104.907
169	1.80953	11.5635	-107.629
170	1.71905	11.5635	-107.629
171	1.6331	11.5635	-107.629
172	1.55145	11.5635	-107.629
173	1.47387	11.5635	-107.629
174	1.40018	11.5635	-107.629

175	1.33017	11.5635	-107.629
176	1.26366	11.5635	-107.629
177	1.20048	11.5635	-107.629
178	1.14045	11.5635	-107.629
179	1.08343	11.5635	-107.629
180	1.02926	11.5635	-107.629
181	0.977798	11.5635	-107.629
182	0.928908	11.5635	-107.629
183	0.882462	11.5635	-107.629
184	0.838339	11.5635	-107.629
185	0.796422	11.5635	-107.629
186	0.756601	11.5635	-107.629
187	0.718771	11.5635	-107.629
188	0.682833	11.5635	-107.629
189	0.648691	11.5635	-107.629
190	0.616256	11.5635	-107.629
191	0.585444	11.5635	-107.629
192	0.556171	11.5635	-107.629
193	0.528363	11.5635	-107.629
194	0.501945	11.5635	-107.629
195	0.476847	11.5635	-107.629
196	0.453005	11.5635	-107.629
197	0.430355	11.5635	-107.629
198	0.408837	11.5635	-107.629
199	0.388395	11.5635	-107.629
200	0.368975	11.5635	-107.629
201	0.350527	11.5635	-107.629
202	0.333	11.5635	-107.629
203	0.31635	11.5635	-107.629
204	0.300533	11.5635	-107.629
205	0.285506	11.5635	-107.629
206	0.271231	11.5635	-107.629
207	0.257669	11.5635	-107.629
208	0.244786	11.5635	-107.629
209	0.232547	11.5635	-107.629
210	0.220919	11.5635	-107.629

```
|       211 |   0.209873 |    11.5635 |-107.629
|       212 |    0.19938 |    11.5635 |-107.629
|       213 |   0.189411 |    11.5635 |-107.629
|       214 |    0.17994 |    11.5635 |-107.629
|       215 |   0.170943 |    11.5635 |-107.629
|       216 |   0.162396 |    11.5635 |-107.629
|       217 |   0.154276 |    11.5635 |-107.629
|       218 |   0.146562 |    11.5635 |-107.629
|       219 |   0.139234 |    11.5635 |-107.629
|       220 |   0.132272 |    11.5635 |-107.629
|       221 |   0.125659 |    11.5635 |-107.629
|       222 |   0.119376 |    11.5635 |-107.629
|       223 |   0.113407 |    11.5635 |-107.629
|       224 |   0.107737 |    11.5635 |-107.629
|       225 |    0.10235 |    11.5635 |-107.629
---------------------------------------------------
Result: Xmin = 11.5635 | Fmin = -107.629
```