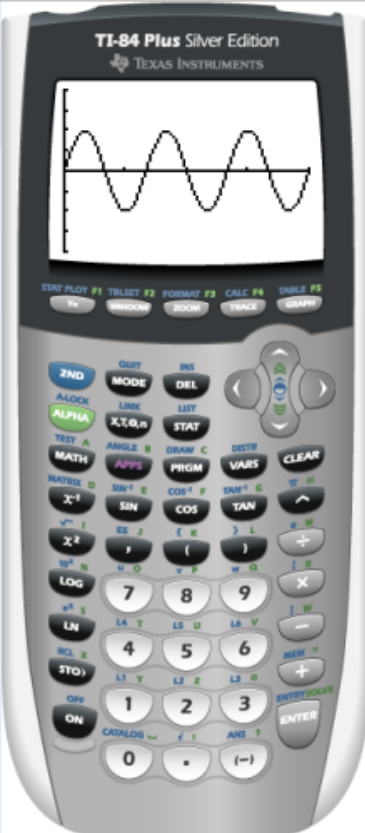


θ	$\sin \theta$	<i>amplitude</i> $2 \cdot \sin \theta$	$\sin(2\theta)$
0°	0	0	0
45°			1
90°	1	2	0
180°	0	0	0
270°	-1	-2	
360°	0	0	0

TI-SmartView

File Edit View Tools Scripts Help



TI-84 Plus Silver Edition
TEXAS INSTRUMENTS

WINDOW

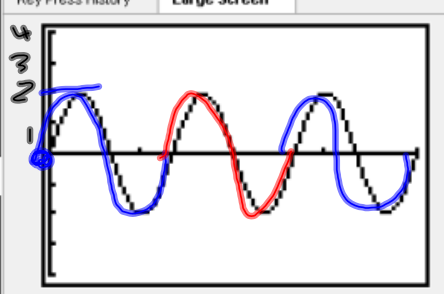
Xmin=0
Xmax=6.2831853...
Xscl=1.5707963...
Ymin=-4
Ymax=4
Yscl=1
Xres=1

Window

X	Y1
0	0
MINIMUM	.28224
MAXIMUM	-.5588
MINIMUM	.82424
MAXIMUM	-1.073
MINIMUM	1.3006
MAXIMUM	-1.502

X=0

Table



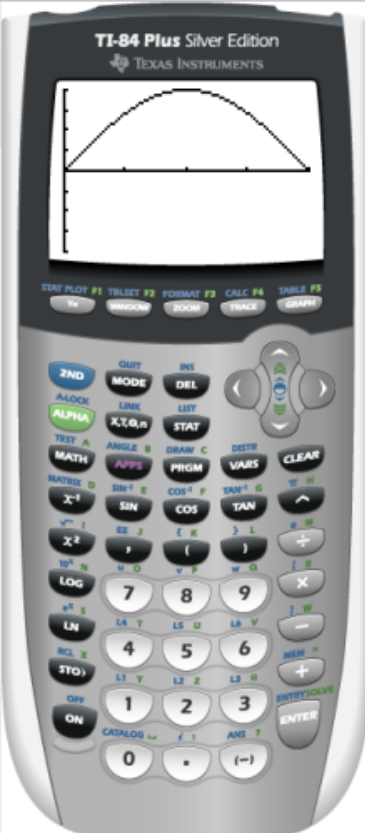
Key Press History Large Screen

$y = 2 \sin(3\theta)$

Graph

TI-SmartView

File Edit View Tools Scripts Help



WINDOW

Xmin=0
 Xmax=6.2831853...
 Xscl=1.5707963...
 Ymin=-4
 Ymax=4
 Yscl=1
 Xres=1

Window

X	Y1
0	0
1.9177	3.859
3.8354	3.859
5.7531	3.859
7.6708	3.859
9.5885	3.859
11.5062	3.859
13.4239	3.859
15.3416	3.859
17.2593	3.859
19.1770	3.859
21.0947	3.859
23.0124	3.859
24.9301	3.859
26.8478	3.859
28.7655	3.859
30.6832	3.859
32.6009	3.859
34.5186	3.859
36.4363	3.859
38.3540	3.859
40.2717	3.859
42.1894	3.859
44.1071	3.859
46.0248	3.859
47.9425	3.859
49.8602	3.859
51.7779	3.859
53.6956	3.859
55.6133	3.859
57.5310	3.859
59.4487	3.859
61.3664	3.859
63.2841	3.859
65.2018	3.859
67.1195	3.859
69.0372	3.859
70.9549	3.859
72.8726	3.859
74.7903	3.859
76.7080	3.859
78.6257	3.859
80.5434	3.859
82.4611	3.859
84.3788	3.859
86.2965	3.859
88.2142	3.859
90.1319	3.859
92.0496	3.859
93.9673	3.859
95.8850	3.859
97.8027	3.859
99.7204	3.859
101.6381	3.859
103.5558	3.859
105.4735	3.859
107.3912	3.859
109.3089	3.859
111.2266	3.859
113.1443	3.859
115.0620	3.859
116.9797	3.859
118.8974	3.859
120.8151	3.859
122.7328	3.859
124.6505	3.859
126.5682	3.859
128.4859	3.859
130.4036	3.859
132.3213	3.859
134.2390	3.859
136.1567	3.859
138.0744	3.859
140.0921	3.859
142.0098	3.859
143.9275	3.859
145.8452	3.859
147.7629	3.859
149.6806	3.859
151.5983	3.859
153.5160	3.859
155.4337	3.859
157.3514	3.859
159.2691	3.859
161.1868	3.859
163.1045	3.859
165.0222	3.859
166.9399	3.859
168.8576	3.859
170.7753	3.859
172.6930	3.859
174.6107	3.859
176.5284	3.859
178.4461	3.859
180.3638	3.859
182.2815	3.859
184.1992	3.859
186.1169	3.859
188.0346	3.859
190.0523	3.859
191.9700	3.859
193.8877	3.859
195.8054	3.859
197.7231	3.859
199.6408	3.859
201.5585	3.859
203.4762	3.859
205.3939	3.859
207.3116	3.859
209.2293	3.859
211.1470	3.859
213.0647	3.859
214.9824	3.859
216.9001	3.859
218.8178	3.859
220.7355	3.859
222.6532	3.859
224.5709	3.859
226.4886	3.859
228.4063	3.859
230.3240	3.859
232.2417	3.859
234.1594	3.859
236.0771	3.859
237.9948	3.859
239.9125	3.859
241.8302	3.859
243.7479	3.859
245.6656	3.859
247.5833	3.859
249.5010	3.859
251.4187	3.859
253.3364	3.859
255.2541	3.859
257.1718	3.859
259.0895	3.859
261.0072	3.859
262.9249	3.859
264.8426	3.859
266.7603	3.859
268.6780	3.859
270.5957	3.859
272.5134	3.859
274.4311	3.859
276.3488	3.859
278.2665	3.859
280.1842	3.859
282.1019	3.859
284.0196	3.859
285.9373	3.859
287.8550	3.859
289.7727	3.859
291.6904	3.859
293.6081	3.859
295.5258	3.859
297.4435	3.859
299.3612	3.859
301.2789	3.859
303.1966	3.859
305.1143	3.859
307.0320	3.859
308.9497	3.859
310.8674	3.859
312.7851	3.859
314.7028	3.859
316.6205	3.859
318.5382	3.859
320.4559	3.859
322.3736	3.859
324.2913	3.859
326.2090	3.859
328.1267	3.859
330.0444	3.859
331.9621	3.859
333.8798	3.859
335.7975	3.859
337.7152	3.859
339.6329	3.859
341.5506	3.859
343.4683	3.859
345.3860	3.859
347.3037	3.859
349.2214	3.859
351.1391	3.859
353.0568	3.859
354.9745	3.859
356.8922	3.859
358.8099	3.859
360.7276	3.859

Table

X=0

Graph

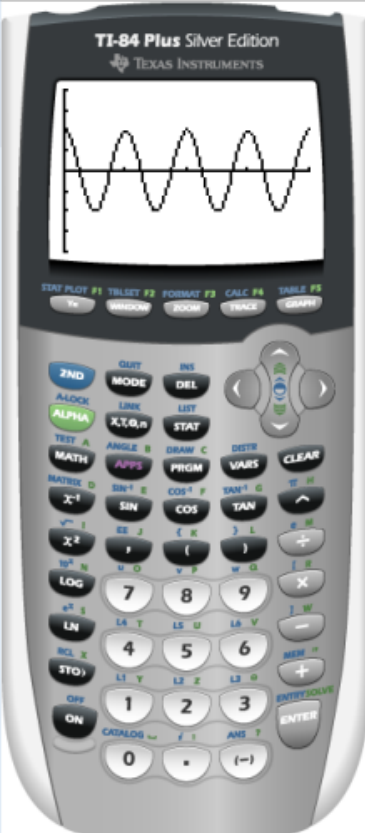
Key Press History

Large Screen

$y = 4 \sin\left(\frac{1}{2}\theta\right)$

TI-SmartView

File Edit View Tools Scripts Help



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TEXAS INSTRUMENTS

WINDOW

Xmin=0
Xmax=6.2831853...
Xscl=1.5707963...
Ymin=-4
Ymax=4
Yscl=1
Xres=1

Window

X	Y1
0	2
1.307	-1.307
2.614	-2.614
3.921	-1.6877
5.228	-1.915
6.535	.81616
7.842	.84836

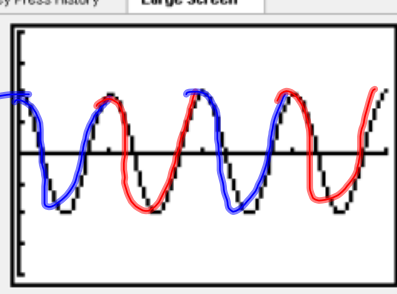
Table

X=0

Graph

Key Press History

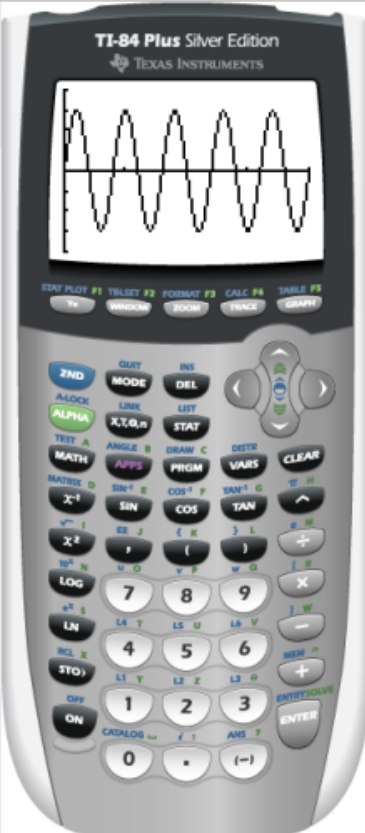
Large Screen



$y = 2 \cos(4\theta)$

TI-SmartView

File Edit View Tools Scripts Help



TI-84 Plus Silver Edition
TEXAS INSTRUMENTS

WINDOW

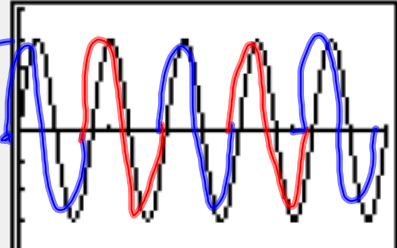
Xmin=0
Xmax=6.2831853...
Xscl=1.5707963...
Ymin=-4
Ymax=4
Yscl=1
Xres=1

Window

X	Y1
0	0
1	-2.877
2	-1.632
3	1.9509
4	2.7388
5	-3.971
6	-2.964

X=0

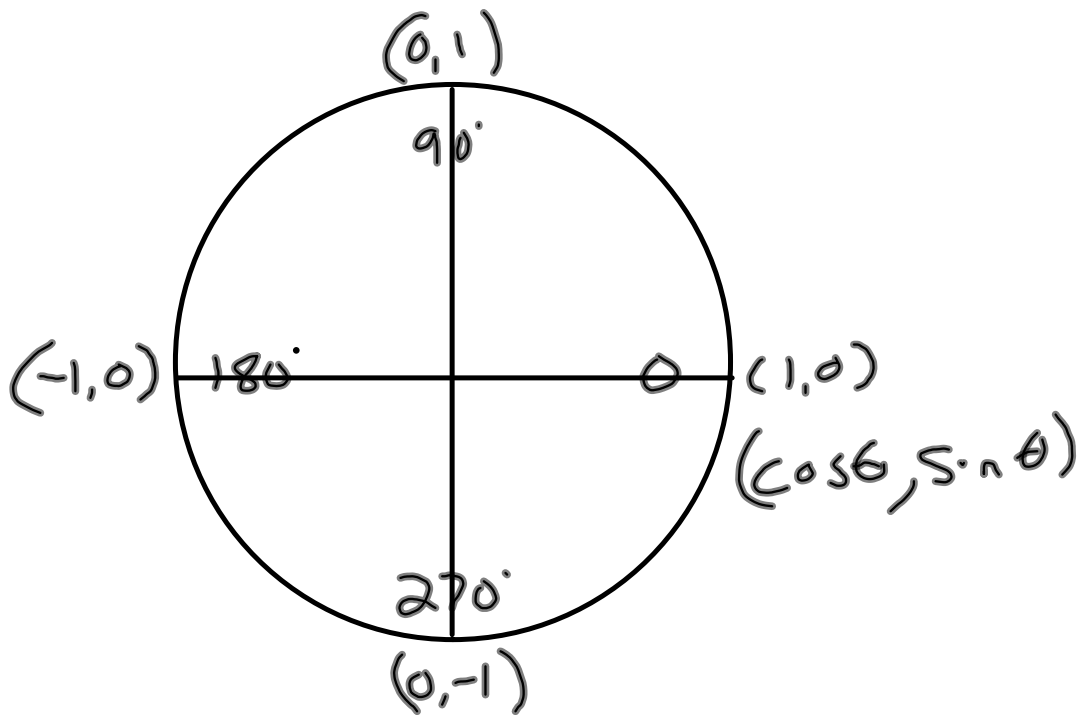
Table



Key Press History Large Screen

$y = 3 \sin(5\theta)$

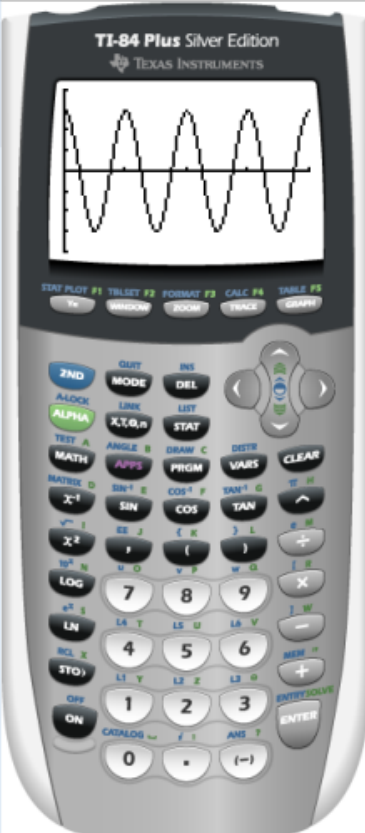
Graph



θ	$\sin \theta$	$2 \sin \theta$	$\sin(2\theta)$
0°	0	0	0
45°	.		1
90°	1	2	0
180°	0	0	0
270°	-1	-2	
360°	0	0	

TI-SmartView

File Edit View Tools Scripts Help



TI-84 Plus Silver Edition
TEXAS INSTRUMENTS

WINDOW

Xmin=0
Xmax=6.2831853...
Xscl=1.5707963...
Ymin=-4
Ymax=4
Yscl=1
Xres=1

Window

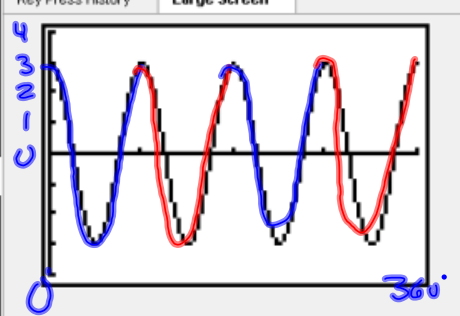
X	Y1
0	3
1.5707963	-1.961
3.1415927	-4.365
4.7123892	-2.5316
6.2831853	2.873
7.8539816	1.2242
9.424778	1.2725

Table

X=0

Graph

Key Press History Large Screen

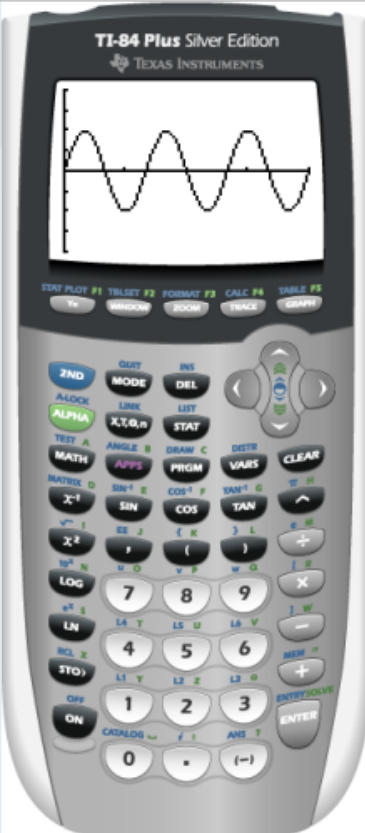


$y = 3 \cos(4\theta)$

Handwritten annotations on the graph: $C-2\pi$, 0 , 3π

TI-SmartView

File Edit View Tools Scripts Help



WINDOW

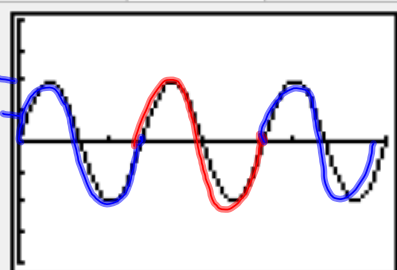
Xmin=0
 Xmax=6.2831853...
 Xscl=1.5707963...
 Ymin=-4
 Ymax=4
 Yscl=1
 Xres=1

Window

X	Y1
0	0
0.28224	-.5588
0.56448	.82424
0.84672	-1.073
1.12896	1.3006
1.502	-1.502

X=0

Table



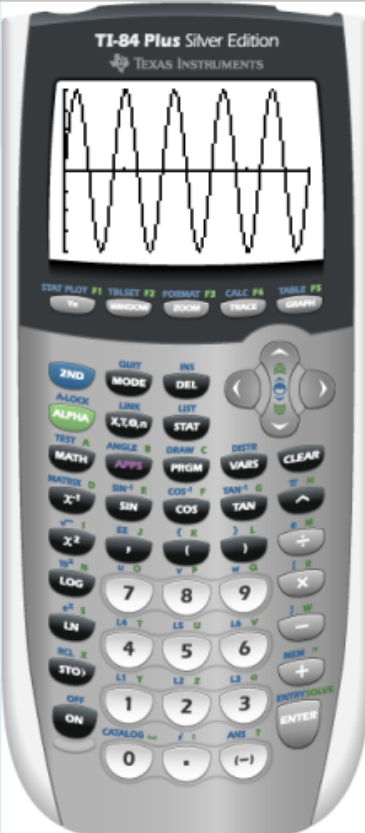
Key Press History Large Screen

$y = 2 \sin(3\theta)$

Graph

TI-SmartView

File Edit View Tools Scripts Help



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TEXAS INSTRUMENTS

WINDOW

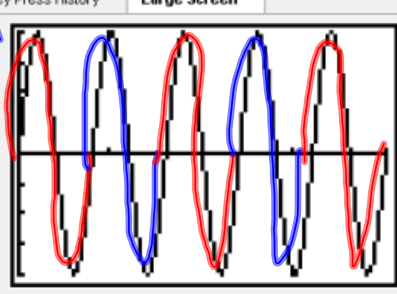
Xmin=0
Xmax=6.2831853...
Xscl=1.5707963...
Ymin=-4
Ymax=4
Yscl=1
Xres=1

Window

X	Y1
0	0
1.1071487	3.836
2.2142974	-2.176
3.3214461	2.601
4.4285948	-3.518
5.5357435	3.529
6.6428922	-3.952

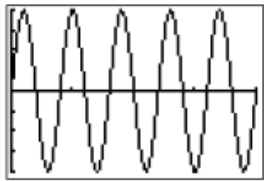
X=0

Table



Key Press History Large Screen

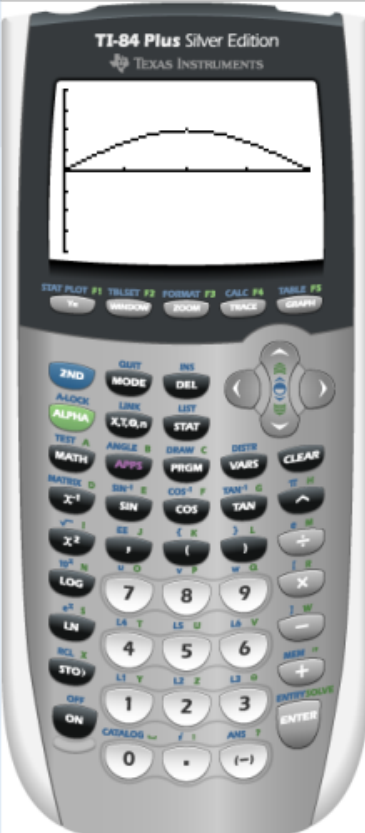
$y = 4 \sin(5\theta)$



Graph

TI-SmartView

File Edit View Tools Scripts Help

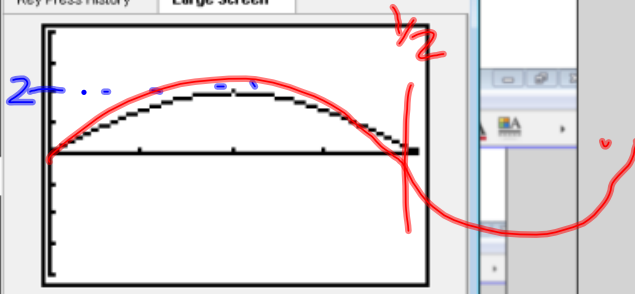


TI-84 Plus Silver Edition
TEXAS INSTRUMENTS

WINDOW

Xmin=0
Xmax=6.2831853...
Xscl=1.5707963...
Ymin=-4
Ymax=4
Yscl=1
Xres=1

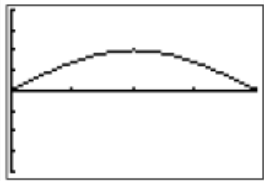
Key Press History Large Screen



X	Y1
0	0
1	.95885
2	1.6829
3	1.995
4	1.8186
5	1.1969
6	.28224

X=0

Table

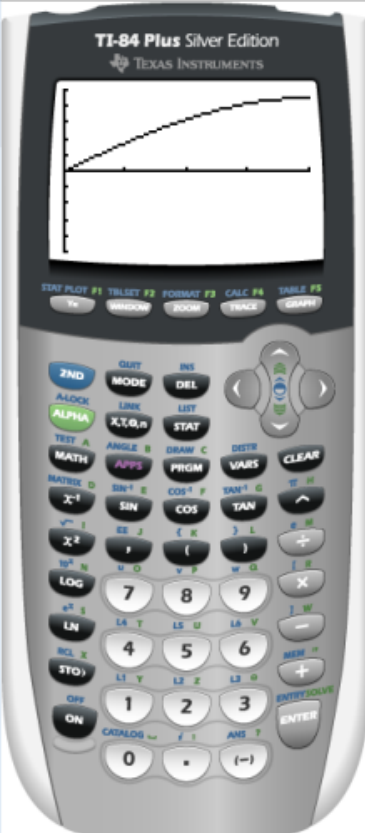


Graph

$$y = 2 \sin\left(\frac{1}{2} \theta\right)$$

TI-SmartView

File Edit View Tools Scripts Help



TI-84 Plus Silver Edition
TEXAS INSTRUMENTS

WINDOW

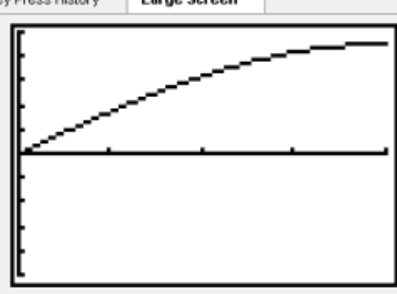
Xmin=0
Xmax=6.2831853...
Xscl=1.5707963...
Ymin=-5
Ymax=5
Yscl=1
Xres=1

Window

X	Y1
0	0
1.1133	1.1133
2.1574	2.1574
3.0874	3.0874
3.7856	3.7856
4.2704	4.2704
4.4887	4.4887

X=0

Table



Key Press History

Large Screen

$y = 4 \sin\left(\frac{1}{4}\theta\right)$

Graph