

**12 A San Damian-Gto ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
0	299,270.32	2,316,185.75	319.83	0.00
1	299,235.69	2,316,226.78	316.39	53.69
2	299,212.16	2,316,248.67	303.45	85.83
3	299,170.38	2,316,267.23	293.62	131.55
4	298,999.45	2,316,340.85	297.21	317.65
5	298,978.72	2,316,353.36	304.79	341.87
6	298,779.85	2,316,511.41	299.60	595.89
7	298,760.21	2,316,518.84	284.37	616.89
8	298,741.46	2,316,521.48	270.21	635.82
9	298,718.73	2,316,518.45	257.84	658.75
10	298,704.87	2,316,514.28	244.41	673.23
11	298,631.48	2,316,463.92	238.53	762.24
12	298,602.29	2,316,448.08	247.41	795.45
13	298,576.13	2,316,440.24	254.64	822.76
14	298,544.64	2,316,432.36	263.56	855.21
15	298,496.36	2,316,433.33	270.53	903.51
16	298,436.71	2,316,433.24	275.30	963.15
17	298,411.20	2,316,438.06	293.53	989.12
18	298,384.24	2,316,457.91	307.68	1,022.60
19	298,343.87	2,316,490.60	308.29	1,074.54
20	298,307.41	2,316,518.65	307.96	1,120.55
21	298,274.78	2,316,544.47	297.27	1,162.16
22	298,256.10	2,316,549.90	285.92	1,181.61
23	298,225.72	2,316,558.41	286.53	1,213.16
24	298,208.54	2,316,563.80	279.14	1,231.17
25	298,196.47	2,316,563.98	267.23	1,243.24
26	298,173.98	2,316,561.46	264.36	1,265.87
27	298,109.40	2,316,555.94	261.26	1,330.68
28	298,062.70	2,316,545.50	251.14	1,378.54
29	298,039.82	2,316,534.78	246.41	1,403.80
30	298,006.97	2,316,521.47	246.10	1,439.25
31	297,933.20	2,316,485.88	239.59	1,521.16
32	297,895.35	2,316,459.31	235.25	1,567.40
33	297,839.72	2,316,421.16	232.64	1,634.86
34	297,746.19	2,316,341.90	229.45	1,757.45
35	297,702.58	2,316,304.24	249.92	1,815.07
36	297,667.06	2,316,304.65	288.45	1,850.59
37	297,620.87	2,316,338.52	316.11	1,907.87
38	297,591.16	2,316,382.50	327.08	1,960.94
39	297,576.04	2,316,406.88	322.04	1,989.64
40	297,546.17	2,316,437.69	316.93	2,032.55
41	297,531.29	2,316,454.21	307.69	2,054.78
42	297,509.88	2,316,465.31	287.04	2,078.90
43	297,487.02	2,316,467.98	269.95	2,101.91
44	297,451.85	2,316,463.80	261.48	2,137.33
45	297,426.19	2,316,459.16	263.40	2,163.40
46	297,410.69	2,316,458.36	267.96	2,178.93
47	297,379.82	2,316,457.75	269.98	2,209.80
48	297,232.54	2,316,460.57	270.39	2,357.11
49	297,208.60	2,316,460.44	267.93	2,381.05
50	297,191.62	2,316,459.31	264.98	2,398.07

**12 A San Damian-Gto ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
51	297,161.80	2,316,456.06	263.22	2,428.06
52	297,139.17	2,316,453.14	267.31	2,450.89
53	297,118.41	2,316,453.86	277.64	2,471.65
54	297,064.54	2,316,466.60	287.63	2,527.01
55	297,026.19	2,316,482.05	295.01	2,568.35
56	296,993.44	2,316,499.52	295.54	2,605.47
57	296,948.90	2,316,518.44	286.47	2,653.87
58	296,920.78	2,316,523.36	277.19	2,682.41
59	296,840.86	2,316,529.57	276.36	2,762.57
60	296,806.76	2,316,534.54	281.47	2,797.03
61	296,777.88	2,316,542.08	304.13	2,826.88
62	296,759.83	2,316,566.59	323.98	2,857.31
63	296,750.84	2,316,579.12	311.52	2,872.74
64	296,731.29	2,316,589.82	290.27	2,895.03
65	296,608.06	2,316,615.68	281.64	3,020.94
66	296,493.31	2,316,638.88	284.18	3,138.01
67	296,394.73	2,316,668.87	294.86	3,241.05
68	296,362.82	2,316,689.43	286.81	3,279.01
69	296,352.29	2,316,689.59	245.10	3,289.54
70	296,342.53	2,316,677.69	224.70	3,304.93
71	296,324.82	2,316,662.84	239.81	3,328.04
72	296,291.95	2,316,650.61	253.08	3,363.11
73	296,268.04	2,316,644.90	258.81	3,387.69
74	296,226.44	2,316,638.35	257.48	3,429.81
75	296,141.47	2,316,613.84	261.20	3,518.24
76	296,075.46	2,316,612.10	266.48	3,584.27
77	296,064.40	2,316,611.03	279.16	3,595.39
78	296,056.23	2,316,614.64	275.47	3,604.32
79	296,028.16	2,316,608.21	282.14	3,633.12
80	296,022.07	2,316,612.83	320.20	3,640.76
81	296,016.77	2,316,623.31	328.48	3,652.51
82	296,005.30	2,316,638.96	306.83	3,671.91
83	295,987.23	2,316,645.51	278.82	3,691.14
84	295,955.78	2,316,644.27	264.32	3,722.61
85	295,888.11	2,316,633.43	266.17	3,791.14
86	295,869.12	2,316,633.91	276.00	3,810.14
87	295,851.88	2,316,637.12	288.00	3,827.68
88	295,813.67	2,316,655.29	291.47	3,869.99
89	295,799.00	2,316,659.92	287.59	3,885.37
90	295,782.77	2,316,665.09	281.39	3,902.40
91	295,752.58	2,316,667.79	267.99	3,932.71
92	295,743.06	2,316,666.26	262.69	3,942.36
93	295,707.12	2,316,662.81	268.92	3,978.46
94	295,691.60	2,316,663.71	276.29	3,994.01
95	295,672.34	2,316,666.85	275.34	4,013.52
96	295,649.23	2,316,667.42	272.37	4,036.64
97	295,633.94	2,316,668.31	276.40	4,051.95
98	295,615.50	2,316,671.39	274.32	4,070.65
99	295,601.62	2,316,671.19	254.63	4,084.52
100	295,586.07	2,316,662.24	242.38	4,102.47
101	295,566.42	2,316,652.94	248.63	4,124.21

**12 A San Damian-Gto ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
102	295,549.86	2,316,647.75	255.70	4,141.57
103	295,532.94	2,316,644.40	256.16	4,158.82
104	295,515.59	2,316,639.27	243.62	4,176.90
105	295,500.58	2,316,628.26	233.50	4,195.52
106	295,417.70	2,316,566.41	237.21	4,298.94
107	295,398.99	2,316,556.11	237.16	4,320.29
108	295,381.96	2,316,543.35	226.28	4,341.58
109	295,367.53	2,316,525.79	223.24	4,364.30
110	295,315.68	2,316,477.56	228.16	4,435.11
111	295,250.43	2,316,421.31	224.73	4,521.26
112	295,228.31	2,316,395.15	224.56	4,555.52
113	295,199.90	2,316,370.37	234.95	4,593.22
114	295,102.01	2,316,316.09	242.19	4,705.15
115	295,071.94	2,316,301.02	247.80	4,738.78
116	295,025.77	2,316,286.20	259.99	4,787.28
117	294,970.51	2,316,284.05	268.34	4,842.58
118	294,901.70	2,316,282.75	270.19	4,911.40
119	294,814.43	2,316,284.99	273.31	4,998.70
120	294,754.66	2,316,290.38	266.07	5,058.71
121	294,733.27	2,316,285.44	253.07	5,080.66
122	294,713.17	2,316,277.78	257.77	5,102.17
123	294,691.76	2,316,276.44	267.89	5,123.62
124	294,667.15	2,316,276.17	266.10	5,148.23
125	294,640.25	2,316,272.78	261.01	5,175.34
126	294,601.33	2,316,265.36	262.94	5,214.98
127	294,570.63	2,316,263.57	268.28	5,245.72
128	294,551.78	2,316,263.53	280.50	5,264.58
129	294,536.23	2,316,269.54	301.95	5,281.24
130	294,451.25	2,316,348.15	310.98	5,397.00
131	294,407.52	2,316,383.81	307.05	5,453.44
132	294,377.98	2,316,404.43	301.08	5,489.46
133	294,355.47	2,316,416.02	299.11	5,514.77
134	294,309.63	2,316,443.53	301.79	5,568.24
135	294,282.08	2,316,461.15	296.06	5,600.94
136	294,240.84	2,316,475.76	282.25	5,644.69
137	294,198.71	2,316,479.44	274.88	5,686.98
138	294,138.42	2,316,484.46	288.78	5,747.48
139	294,050.79	2,316,540.91	295.86	5,851.72
140	294,019.85	2,316,551.52	283.13	5,884.42
141	293,849.85	2,316,573.39	277.87	6,055.83
142	293,795.48	2,316,581.43	293.56	6,110.79
143	293,717.96	2,316,643.55	307.70	6,210.12
144	293,656.26	2,316,689.53	310.68	6,287.08
145	293,538.28	2,316,806.18	310.69	6,452.98
146	293,516.39	2,316,822.50	304.57	6,480.29
147	293,434.18	2,316,874.74	304.92	6,577.69
148	293,404.29	2,316,897.60	311.01	6,615.32
149	293,354.13	2,316,947.09	332.44	6,685.79
150	293,349.57	2,316,973.66	357.08	6,712.75
151	293,357.96	2,317,096.88	355.52	6,836.25
152	293,352.34	2,317,121.47	339.11	6,861.47

**12 A San Damian-Gto ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
153	293,337.67	2,317,148.02	330.14	6,891.81
154	293,323.57	2,317,171.70	330.97	6,919.37
155	293,307.72	2,317,202.44	333.69	6,953.96
156	293,282.65	2,317,255.34	324.40	7,012.49
157	293,272.74	2,317,264.96	309.96	7,026.31
158	293,212.51	2,317,308.35	304.67	7,100.54
159	293,197.49	2,317,318.33	301.42	7,118.57
160	293,120.21	2,317,361.63	310.33	7,207.15
161	293,100.67	2,317,386.11	319.65	7,238.48
162	293,053.70	2,317,438.11	322.34	7,308.55
163	292,885.63	2,317,694.69	333.41	7,615.28
164	292,861.17	2,317,762.07	347.88	7,686.96
165	292,857.72	2,317,808.08	0.80	7,733.10
166	292,863.04	2,317,859.67	14.72	7,784.96
167	292,908.80	2,317,964.65	355.97	7,899.48
168	292,892.40	2,317,991.30	325.11	7,930.77
169	292,857.68	2,318,035.49	322.62	7,986.97
170	292,655.12	2,318,308.15	328.30	8,326.64
171	292,610.46	2,318,396.60	334.82	8,425.73
172	292,549.39	2,318,536.57	336.86	8,578.44
173	292,503.62	2,318,645.95	300.60	8,697.01
174	292,474.53	2,318,642.84	268.75	8,726.26
175	292,452.99	2,318,644.19	268.70	8,747.85
176	292,431.43	2,318,641.85	256.08	8,769.54
177	292,407.02	2,318,632.17	259.64	8,795.80
178	292,391.17	2,318,632.42	289.16	8,811.65
179	292,380.09	2,318,640.89	320.99	8,825.60
180	292,015.95	2,319,407.19	334.68	9,674.01
181	291,739.85	2,319,993.19	332.24	10,321.79
182	291,652.74	2,320,142.36	327.01	10,494.54
183	291,410.76	2,320,479.21	309.73	10,909.30
184	291,328.67	2,320,517.77	289.83	10,999.99
185	291,053.50	2,320,588.97	280.09	11,284.22
186	290,984.52	2,320,595.82	262.81	11,353.54
187	290,927.21	2,320,574.90	247.32	11,414.54
188	290,532.70	2,320,388.43	247.19	11,850.91
189	290,364.98	2,320,326.33	250.74	12,029.76
190	290,315.88	2,320,310.19	270.34	12,081.44
191	290,251.91	2,320,332.08	289.49	12,149.05
192	290,057.83	2,320,403.08	294.78	12,355.71
193	289,929.18	2,320,475.78	303.33	12,503.48
194	289,843.11	2,320,541.08	312.29	12,611.52
195	289,704.30	2,320,692.02	308.05	12,816.58
196	289,631.66	2,320,731.81	296.19	12,899.40
197	289,569.88	2,320,758.90	297.60	12,966.86
198	289,553.24	2,320,769.10	310.20	12,986.38
199	289,504.97	2,320,824.42	316.38	13,059.80
200	289,468.15	2,320,859.82	309.70	13,110.87
201	289,439.96	2,320,879.94	290.25	13,145.51
202	289,413.73	2,320,882.23	267.02	13,171.84
203	289,383.42	2,320,876.37	254.71	13,202.71

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<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
204	289,335.66	2,320,859.33	247.73	13,253.42
205	289,317.34	2,320,850.83	257.14	13,273.62
206	289,293.08	2,320,850.47	268.94	13,297.88
207	289,255.53	2,320,849.63	269.04	13,335.44
208	289,227.15	2,320,849.31	286.16	13,363.82
209	289,204.65	2,320,863.90	306.83	13,390.63
210	289,149.20	2,320,911.62	303.13	13,463.79
211	289,120.78	2,320,925.20	291.78	13,495.29
212	289,091.97	2,320,934.57	285.96	13,525.59
213	289,071.47	2,320,939.64	300.80	13,546.70
214	289,048.74	2,320,964.61	308.23	13,580.46
215	289,019.36	2,320,980.75	291.76	13,613.99
216	288,972.44	2,320,993.09	286.54	13,662.50
217	288,934.12	2,321,005.80	291.43	13,702.88
218	288,900.81	2,321,020.98	289.73	13,739.49
219	288,856.21	2,321,032.90	284.88	13,785.65
220	288,813.33	2,321,044.23	290.19	13,830.00
221	288,704.92	2,321,096.12	294.97	13,950.19
222	288,616.59	2,321,136.10	291.93	14,047.15
223	288,543.42	2,321,162.01	286.32	14,124.76
224	288,045.14	2,321,278.36	285.07	14,636.45
225	287,980.40	2,321,298.15	289.76	14,704.15
226	287,736.04	2,321,399.46	291.88	14,968.67
227	287,664.34	2,321,427.33	300.38	15,045.60
228	287,518.57	2,321,547.59	302.40	15,234.58
229	287,493.94	2,321,559.22	292.80	15,261.81
230	287,453.40	2,321,574.24	290.25	15,305.05
231	287,030.14	2,321,729.73	291.42	15,755.96
232	286,432.89	2,321,979.17	292.55	16,403.21
233	286,015.18	2,322,151.57	296.34	16,855.10
234	285,838.78	2,322,254.49	299.71	17,059.33
235	285,343.21	2,322,531.10	310.74	17,626.87
236	285,253.45	2,322,647.26	323.43	17,773.66
237	285,073.39	2,322,900.18	331.03	18,084.13
238	285,049.14	2,322,958.73	340.74	18,147.50
239	284,971.99	2,323,227.35	338.92	18,426.98
240	284,949.12	2,323,273.99	326.65	18,478.93
241	284,906.25	2,323,324.03	326.44	18,544.82
242	284,894.72	2,323,347.12	329.19	18,570.63
243	284,878.40	2,323,370.36	324.26	18,599.03
244	284,833.05	2,323,431.88	319.17	18,675.46
245	284,654.28	2,323,608.97	306.77	18,927.09
246	284,609.78	2,323,633.44	296.30	18,977.87
247	284,138.77	2,323,841.07	291.17	19,492.62
248	284,006.18	2,323,885.57	272.28	19,632.48
249	283,799.55	2,323,834.07	260.16	19,845.43
250	283,668.48	2,323,821.02	282.27	19,977.15
251	283,509.53	2,323,913.66	322.40	20,161.12
252	283,459.44	2,324,095.13	334.88	20,349.38
253	283,425.91	2,324,143.36	310.95	20,408.11
254	282,239.53	2,324,739.98	286.19	21,736.06

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<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
255	282,136.27	2,324,750.24	278.78	21,839.83
256	282,082.03	2,324,761.66	305.67	21,895.26
257	281,859.76	2,325,138.39	320.17	22,332.67
258	281,812.19	2,325,179.58	299.04	22,395.60
259	281,315.98	2,325,333.11	304.08	22,915.02
260	281,278.87	2,325,378.88	332.12	22,973.94
261	281,261.23	2,325,437.54	307.30	23,035.20
262	281,204.83	2,325,438.86	261.00	23,091.62
263	281,062.45	2,325,388.91	228.92	23,242.50
264	281,033.09	2,325,331.72	244.78	23,306.79
265	281,002.88	2,325,338.35	250.36	23,337.71
266	280,948.31	2,325,269.35	228.17	23,425.68
267	280,824.02	2,325,191.69	227.29	23,572.24
268	280,766.48	2,325,114.17	204.21	23,668.78
269	280,752.72	2,325,048.51	240.06	23,735.87
270	280,722.45	2,325,058.52	305.56	23,767.75
271	280,634.68	2,325,174.25	328.69	23,913.00
272	280,580.38	2,325,288.38	313.69	24,039.39
273	280,322.97	2,325,396.75	309.37	24,318.69
274	280,252.25	2,325,501.23	286.32	24,444.84
275	280,160.45	2,325,461.77	220.46	24,544.77
276	280,138.07	2,325,373.25	216.72	24,636.08
277	280,044.45	2,325,317.54	251.40	24,745.02
278	279,360.99	2,325,240.25	239.87	25,432.84
279	279,270.88	2,325,117.11	208.50	25,585.42
280	279,210.31	2,324,957.73	215.53	25,755.92
281	279,071.99	2,324,842.66	246.10	25,935.85
282	278,996.44	2,324,831.99	255.26	26,012.15
283	278,959.13	2,324,817.33	232.91	26,052.23
284	278,916.32	2,324,761.07	224.77	26,122.93
285	278,874.89	2,324,729.01	272.55	26,175.31
286	278,810.86	2,324,788.34	304.24	26,262.60
287	278,676.00	2,324,853.14	268.83	26,412.22
288	278,634.50	2,324,831.06	238.05	26,459.23
289	278,590.26	2,324,799.05	211.56	26,513.83
290	278,569.88	2,324,670.66	200.22	26,643.84
291	278,545.74	2,324,631.14	229.24	26,690.15
292	278,371.32	2,324,557.32	262.04	26,879.54
293	278,171.18	2,324,581.99	260.94	27,081.19
294	278,116.14	2,324,556.15	216.61	27,142.00
295	278,084.91	2,324,343.66	155.32	27,356.78
296	278,174.44	2,324,287.12	163.80	27,462.67
297	278,082.89	2,324,093.71	180.87	27,676.65
298	278,157.23	2,323,923.54	185.60	27,862.36
299	278,007.73	2,323,708.46	228.09	28,124.29
300	277,856.14	2,323,625.72	174.71	28,296.99
301	277,925.99	2,323,602.95	141.98	28,370.46
302	277,930.72	2,323,536.89	203.25	28,436.68
303	277,802.42	2,323,431.48	236.63	28,602.74
304	277,670.49	2,323,363.31	258.57	28,751.23
305	277,530.90	2,323,374.22	243.86	28,891.25

**12 A San Damian-Gto ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
306	277,493.33	2,323,316.93	228.91	28,959.75
307	277,444.08	2,323,293.49	263.66	29,014.30
308	277,312.06	2,323,323.40	239.98	29,149.67
309	277,297.40	2,323,276.06	215.75	29,199.23
310	277,221.73	2,323,221.69	240.13	29,292.40
311	277,065.72	2,323,152.07	222.06	29,463.24
312	277,038.34	2,323,068.60	186.04	29,551.09
313	277,050.30	2,322,956.23	178.41	29,664.09
314	277,044.36	2,322,838.93	196.24	29,781.55
315	276,971.56	2,322,710.73	234.73	29,928.98
316	276,768.56	2,322,674.45	238.81	30,135.19
317	276,640.23	2,322,508.76	238.68	30,344.77
318	276,459.79	2,322,475.64	255.78	30,528.23
319	276,226.91	2,322,399.83	265.14	30,773.14
320	276,007.55	2,322,431.85	261.66	30,994.82
321	275,943.71	2,322,402.10	276.09	31,065.25
322	275,867.53	2,322,459.85	283.78	31,160.85
323	275,770.40	2,322,443.41	272.18	31,259.36
324	275,720.53	2,322,455.81	320.55	31,310.75
325	275,715.56	2,322,555.33	324.40	31,410.40
326	275,626.73	2,322,590.60	321.91	31,505.97
327	275,612.10	2,322,697.05	329.80	31,613.43
328	275,567.57	2,322,731.13	310.42	31,669.50
329	275,466.86	2,322,826.42	283.90	31,808.15
330	275,361.62	2,322,797.00	274.42	31,917.43
331	275,252.82	2,322,846.48	320.76	32,036.95
332	275,235.60	2,322,921.46	336.82	32,113.87
333	275,151.25	2,323,049.29	306.51	32,267.03
334	275,026.64	2,323,086.04	308.61	32,396.94
335	274,984.68	2,323,161.12	330.32	32,482.95
336	274,947.00	2,323,225.99	317.09	32,557.98
337	274,851.74	2,323,291.03	284.85	32,673.32
338	274,806.34	2,323,287.36	254.65	32,718.87
339	274,753.24	2,323,261.38	229.17	32,777.98
340	274,715.74	2,323,206.65	190.06	32,844.33
341	274,728.32	2,323,157.29	181.98	32,895.26
342	274,705.60	2,323,088.40	189.60	32,967.80
343	274,703.80	2,322,978.35	204.09	33,077.87
344	274,659.77	2,322,937.63	255.64	33,137.84
345	274,594.69	2,322,953.91	299.92	33,204.92
346	274,501.25	2,323,049.99	331.70	33,338.94
347	274,488.65	2,323,107.35	22.07	33,397.67
348	274,546.26	2,323,145.43	21.53	33,466.73
349	274,518.57	2,323,261.00	332.40	33,585.57
350	274,452.98	2,323,334.56	308.98	33,684.12
351	274,372.18	2,323,380.61	315.40	33,777.12
352	274,335.57	2,323,446.96	352.58	33,852.90
353	274,355.27	2,323,525.76	321.93	33,934.13
354	274,327.23	2,323,525.67	248.30	33,962.17
355	274,303.48	2,323,503.36	239.72	33,994.76
356	274,261.12	2,323,490.13	269.10	34,039.13

**12 A San Damian-Gto ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
357	274,227.54	2,323,499.48	318.53	34,074.00
358	274,219.08	2,323,556.16	318.97	34,131.31
359	274,040.15	2,323,608.93	277.08	34,317.85
360	273,848.84	2,323,601.32	280.48	34,509.32
361	273,810.30	2,323,617.87	281.61	34,551.26
362	273,695.60	2,323,617.83	254.15	34,665.96
363	273,631.99	2,323,578.56	238.22	34,740.72
364	273,585.68	2,323,549.77	261.35	34,795.25
365	273,549.74	2,323,559.10	331.32	34,832.38
366	273,566.13	2,323,609.34	354.37	34,885.22
367	273,532.94	2,323,668.42	302.83	34,952.99
368	273,465.97	2,323,674.27	283.30	35,020.21
369	273,316.16	2,323,733.62	288.37	35,181.35
370	273,141.96	2,323,780.70	247.37	35,361.80
371	273,059.46	2,323,635.54	190.52	35,528.76
372	273,069.23	2,323,570.74	194.19	35,594.30
373	273,048.30	2,323,542.92	198.66	35,629.11
374	273,048.11	2,323,513.23	234.11	35,658.80
375	272,957.50	2,323,542.41	294.63	35,753.98
376	272,781.91	2,323,649.62	280.07	35,959.72
377	272,664.30	2,323,626.18	257.68	36,079.64
378	272,574.34	2,323,604.79	279.81	36,172.12
379	272,511.59	2,323,645.54	312.23	36,246.93
380	272,469.99	2,323,697.76	343.91	36,313.70
381	272,475.98	2,323,751.56	18.55	36,367.83
382	272,595.70	2,323,952.74	327.43	36,601.93
383	272,457.59	2,323,938.49	324.20	36,740.78
384	272,471.44	2,323,969.20	333.70	36,774.48
385	272,321.59	2,324,004.11	248.97	36,928.34
386	272,255.42	2,323,908.98	263.66	37,044.21
387	272,131.22	2,324,022.75	344.84	37,212.64
388	272,146.97	2,324,073.70	342.74	37,265.98
389	272,115.38	2,324,098.65	331.20	37,306.23
390	272,109.90	2,324,151.63	351.82	37,359.49
391	272,086.81	2,324,276.73	319.74	37,486.71
392	271,985.27	2,324,313.58	318.63	37,594.73
393	271,951.59	2,324,463.12	5.63	37,748.01
394	272,039.74	2,324,661.53	8.25	37,965.12
395	272,018.97	2,324,820.24	314.72	38,125.18
396	271,941.50	2,324,829.61	295.80	38,203.22
397	271,896.91	2,324,873.72	269.65	38,265.94
398	271,797.64	2,324,773.05	241.92	38,407.32
399	271,729.35	2,324,760.07	286.94	38,476.84
400	271,694.48	2,324,794.51	290.19	38,525.85
401	271,647.97	2,324,791.04	248.64	38,572.48
402	271,600.94	2,324,753.70	223.38	38,632.53
403	271,537.36	2,324,663.58	232.53	38,742.82
404	271,310.29	2,324,580.24	274.77	38,984.70
405	271,208.25	2,324,638.42	322.61	39,102.16
406	271,174.61	2,324,768.72	357.99	39,236.73
407	271,183.47	2,324,816.72	347.40	39,285.54



**12 A San Damian-Gto ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
408	270,984.79	2,325,093.69	308.76	39,626.40
409	270,922.89	2,325,120.17	282.54	39,693.73
410	270,744.69	2,325,126.14	252.98	39,872.02
411	270,670.22	2,325,072.11	255.97	39,964.04
412	270,545.41	2,325,089.44	277.27	40,090.05
413	270,418.17	2,325,104.26	298.58	40,218.14
414	270,347.52	2,325,190.05	318.00	40,329.28
415	270,289.72	2,325,248.81	286.96	40,411.70
416	270,193.50	2,325,229.14	251.63	40,509.92
417	269,961.10	2,325,119.80	231.51	40,766.75
418	269,853.45	2,324,983.12	210.61	40,940.73
419	269,800.82	2,324,859.07	211.88	41,075.49
420	269,717.92	2,324,762.94	229.89	41,202.43
421	269,598.23	2,324,691.06	239.57	41,342.04
422	269,414.97	2,324,585.77	215.18	41,553.40
423	269,382.29	2,324,404.88	178.80	41,737.21
424	269,416.94	2,324,250.29	165.06	41,895.64
425	269,486.82	2,324,025.28	190.33	42,131.25
426	269,375.91	2,323,882.89	213.40	42,311.73
427	269,328.69	2,323,797.31	195.26	42,409.48
428	269,327.08	2,323,740.59	193.38	42,466.22
429	269,271.77	2,323,622.70	183.81	42,596.44
430	269,312.24	2,323,494.39	201.16	42,730.97
431	269,218.17	2,323,439.69	254.14	42,839.79
432	269,135.56	2,323,437.48	257.52	42,922.43
433	269,016.36	2,323,385.83	253.90	43,052.33
434	268,911.61	2,323,369.67	277.63	43,158.33
435	268,853.02	2,323,395.80	307.96	43,222.47
436	268,839.06	2,323,413.60	337.62	43,245.10
437	268,831.47	2,323,478.80	329.88	43,310.74
438	268,794.67	2,323,505.92	323.66	43,356.45
439	268,758.92	2,323,609.28	6.97	43,465.82
440	268,820.17	2,323,703.51	4.67	43,578.21
441	268,810.56	2,323,725.42	301.92	43,602.13
442	268,744.42	2,323,722.56	286.70	43,668.33
443	268,687.00	2,323,764.10	317.12	43,739.21
444	268,556.02	2,323,976.69	10.17	43,988.90
445	268,610.95	2,324,019.65	54.15	44,058.64
446	268,648.02	2,324,044.34	20.98	44,103.18
447	268,639.23	2,324,078.61	339.69	44,138.56
448	268,593.25	2,324,171.86	310.26	44,242.52
449	268,539.28	2,324,188.11	296.20	44,298.89
450	268,484.79	2,324,227.19	333.10	44,365.94
451	268,485.14	2,324,262.81	348.57	44,401.57
452	268,478.12	2,324,279.00	302.41	44,419.21
453	268,441.35	2,324,277.87	276.25	44,456.00
454	268,376.13	2,324,294.43	276.57	44,523.30
455	268,297.09	2,324,292.89	268.41	44,602.35
456	268,240.46	2,324,290.85	283.42	44,659.01
457	268,206.76	2,324,309.46	273.33	44,697.51
458	268,082.45	2,324,258.63	243.67	44,831.81

**12 A San Damian-Gto ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
459	268,043.24	2,324,235.60	264.73	44,877.28
460	267,872.92	2,324,297.21	279.30	45,058.40
461	267,773.04	2,324,294.98	274.25	45,158.31
462	267,707.46	2,324,306.29	267.05	45,224.85
463	267,614.65	2,324,280.23	251.09	45,321.26
464	267,525.32	2,324,243.89	258.38	45,417.69
465	267,437.22	2,324,242.19	282.53	45,505.81
466	267,399.00	2,324,260.97	303.09	45,548.39
467	267,285.19	2,324,356.52	273.54	45,696.99
468	267,243.96	2,324,329.80	215.76	45,746.13
469	267,237.65	2,324,305.35	162.60	45,771.38
470	267,259.67	2,324,286.38	126.22	45,800.45
471	267,281.47	2,324,272.92	141.98	45,826.07
472	267,325.08	2,324,136.55	162.26	45,969.24