



1:500

* * * * * 街 区 成 果 表 * * * * *

14 BLOCK

点 名	X	Y	点 名	X	Y	点 名	X	Y
14-10	- 146738.842	- 52927.692	14-11	- 146736.494	- 52925.808	14-18	- 146733.018	- 52912.510
14-12	- 146730.479	- 52902.709	14-13	- 146731.993	- 52900.122	14-3	- 146744.289	- 52896.951
14-4	- 146752.693	- 52893.522	14-5	- 146755.271	- 52891.950	14-6	- 146761.015	- 52890.772
14-7	- 146772.065	- 52889.869	14-14	- 146783.463	- 52891.107	14-15	- 146785.895	- 52892.845
14-16	- 146801.795	- 52927.077	14-17	- 146800.125	- 52929.554			
14-1	- 146736.972	- 52927.635	14-2	- 146729.946	- 52900.650	14-8	- 146785.174	- 52891.293
14-9	- 146802.986	- 52929.641						

点名 1	点名 2	方向角	距離	点名 1	点名 2	方向角	距離	点名 1	点名 2	方向角	距離
14-10	14-11	38-44-35	3.010	14-11	14-18	75-21- 4	13.745	14-18	14-12	75-28-35	10.125
14-12	14-13	120-20-15	2.997	14-13	14-3	165-32-21	12.698	14-3	14-4	157-48-13	9.077
14-4	14-5	148-37-34	3.019	14-5	14-6	168-24-37	5.864	14-6	14-7	175-19-42	11.087
14-7	14-14	186-11-56	11.465	14-14	14-15	215-33- 4	2.989	14-15	14-16	245- 5-10	37.744
14-16	14-17	303-59-17	2.987	14-17	14-10	1-44-25	61.311				
14-1	14-10	181-44-25	1.871	14-1	14-11	75-21- 4	1.889				
14-2	14-12	255-28-35	2.127	14-2	14-13	165-32-21	2.114				
14-8	14-14	6-11-56	1.721	14-8	14-15	245- 5-10	1.711				
14-9	14-16	65- 5-10	2.827	14-9	14-17	1-44-25	2.862				

点 名	内 角	点 名	内 角	点 名	内 角	点 名	内 角
14-10	142- 59- 50	14-11	143- 23- 31	14-18	179- 52- 29	14-12	135- 8- 20
14-13	134- 47- 54	14-3	187- 44- 8	14-4	189- 10- 39	14-5	160- 12- 57
14-6	173- 4- 55	14-7	169- 7- 46	14-14	150- 38- 52	14-15	150- 27- 54
14-16	121- 5- 53	14-17	122- 14- 52				
14-1	106- 23- 21	14-2	89- 56- 14	14-8	121- 6- 46	14-9	63- 20- 45

* * * 突出し計算書 * * *

	1			2			3		
NO. 視準点名	T41			T41			T41		
観測点名	T55	方向角 1	347- 7-40	T55	347- 7-40		T55	347- 7-40	
求点名	14-3	観測角	347-19-20	14-4	340-27- 5		14-5	338-15- 0	
		方向角 2	334-27- 0		327-34-45			325-22-40	
距離		13.469		4.440			1.422		
COS & SIN	+	0.902209	- 0.431299	+	0.844133	- 0.536134	+	0.822916	- 0.568163
X 1 . Y 1 =		-146756.441	- 52891.142		-146756.441	- 52891.142		-146756.441	- 52891.142
DX . DY =		+ 12.152	- 5.809		+ 3.748	- 2.380		+ 1.170	- 0.808
X 2 . Y 2 =		-146744.289	- 52896.951		-146752.693	- 52893.522		-146755.271	- 52891.950
NO. 視準点名	T41			T55			T42		
観測点名	T55	方向角 1	347- 7-40	T56	359- 5-33		T38	181-46-30	
求点名	14-6	観測角	188-14-40	14-15	227-20-25		14-10	288-11-40	
		方向角 2	175-22-20		226-25-58			109-58-10	
距離		4.589		2.950			11.925		
COS & SIN	-	0.996740	+ 0.080682	-	0.689205	- 0.724566	-	0.341519	+ 0.939875
X 1 . Y 1 =		-146756.441	- 52891.142		-146783.862	- 52890.708		-146734.769	- 52938.900
DX . DY =		- 4.574	+ 0.370		- 2.033	- 2.137		- 4.073	+ 11.208
X 2 . Y 2 =		-146761.015	- 52890.772		-146785.895	- 52892.845		-146738.842	- 52927.692
NO. 視準点名	T42			T38			T38		
観測点名	T38	方向角 1	181-46-30	T41	254-47-40		T41	254-47-40	
求点名	14-11	観測角	275-43-50	14-12	316-52-25		14-13	295-45-45	
		方向角 2	97-30-20		211-40- 5			190-33-25	
距離		13.205		7.830			8.319		
COS & SIN	-	0.130622	+ 0.991432	-	0.851104	- 0.524997	-	0.983073	- 0.183213
X 1 . Y 1 =		-146734.769	- 52938.900		-146723.815	- 52898.598		-146723.815	- 52898.598
DX . DY =		- 1.725	+ 13.092		- 6.664	- 4.111		- 8.178	- 1.524
X 2 . Y 2 =		-146736.494	- 52925.808		-146730.479	- 52902.709		-146731.993	- 52900.122

* * * 突出し計算書 * * *

	10		11		12	
NO. 視準点名	T55		T55		T56	
観測点名	T56		T56		T57	
求点名	14-14		14-7		14-16	
	方向角 1	359- 5-33		359- 5-33	59-35-21	
	観測角	315-55-50		4-58-35	330-15-40	
	方向角 2	315- 1-23		4- 4- 8	29-51- 1	
距離	0.564		11.827		5.936	
COS & SIN	+ 0.707391	- 0.706822	+ 0.997479	+ 0.070956	+ 0.867329	+ 0.497735
X 1 . Y 1 =	-146783.862	- 52890.708	-146783.862	- 52890.708	-146806.943	- 52930.032
DX . DY =	+ 0.399	- 0.399	+ 11.797	+ 0.839	+ 5.148	+ 2.955
X 2 . Y 2 =	-146783.463	- 52891.107	-146772.065	- 52889.869	-146801.795	- 52927.077

	13		14	
NO. 視準点名	T56		T38	
観測点名	T57		T41	
求点名	14-17		14-18	
	方向角 1	59-35-21	254-47-40	
	観測角	304-25-25	341-43-10	
	方向角 2	4- 0-46	236-30-50	
距離	6.835		16.681	
COS & SIN	+ 0.997548	+ 0.069979	- 0.551735	- 0.834020
X 1 . Y 1 =	-146806.943	- 52930.032	-146723.815	- 52898.598
DX . DY =	+ 6.818	+ 0.478	- 9.203	- 13.912
X 2 . Y 2 =	-146800.125	- 52929.554	-146733.018	- 52912.510

* * * 方 向 角 · 距 離 計 算 書 * * *

NO 1
 点名 X Y
 1 14-10 - 146738.842 - 52927.692
 2 14-11 - 146736.494 - 52925.808
 COS=+ 0.779961 SIN=+ 0.625829
 A L= 38-44-35 L = 3.010

NO 2
 点名 X Y
 1 14-11 - 146736.494 - 52925.808
 2 14-18 - 146733.018 - 52912.510
 COS=+ 0.252896 SIN=+ 0.967494
 A L= 75-21- 4 L = 13.745

NO 3
 点名 X Y
 1 14-18 - 146733.018 - 52912.510
 2 14-12 - 146730.479 - 52902.709
 COS=+ 0.250777 SIN=+ 0.968045
 A L= 75-28-35 L = 10.125

NO 4
 点名 X Y
 1 14-12 - 146730.479 - 52902.709
 2 14-13 - 146731.993 - 52900.122
 COS=- 0.505094 SIN=+ 0.863064
 A L= 120-20-15 L = 2.997

NO 5
 点名 X Y
 1 14-13 - 146731.993 - 52900.122
 2 14-3 - 146744.289 - 52896.951
 COS=- 0.968318 SIN=+ 0.249718
 A L= 165-32-21 L = 12.698

NO 6
 点名 X Y
 1 14-3 - 146744.289 - 52896.951
 2 14-4 - 146752.693 - 52893.522
 COS=- 0.925894 SIN=+ 0.377783
 A L= 157-48-13 L = 9.077

NO 7
 点名 X Y
 1 14-4 - 146752.693 - 52893.522
 2 14-5 - 146755.271 - 52891.950
 COS=- 0.853789 SIN=+ 0.520619
 A L= 148-37-34 L = 3.019

NO 8
 点名 X Y
 1 14-5 - 146755.271 - 52891.950
 2 14-6 - 146761.015 - 52890.772
 COS=- 0.979611 SIN=+ 0.200902
 A L= 168-24-37 L = 5.864

NO 9
 点名 X Y
 1 14-6 - 146761.015 - 52890.772
 2 14-7 - 146772.065 - 52889.869
 COS=- 0.996678 SIN=+ 0.081448
 A L= 175-19-42 L = 11.087

NO 10
 点名 X Y
 1 14-7 - 146772.065 - 52889.869
 2 14-14 - 146783.463 - 52891.107
 COS=- 0.994153 SIN=- 0.107980
 A L= 186-11-56 L = 11.465

NO 11
 点名 X Y
 1 14-14 - 146783.463 - 52891.107
 2 14-15 - 146785.895 - 52892.845
 COS=- 0.813598 SIN=- 0.581428
 A L= 215-33- 4 L = 2.989

NO 12
 点名 X Y
 1 14-15 - 146785.895 - 52892.845
 2 14-16 - 146801.795 - 52927.077
 COS=- 0.421255 SIN=- 0.906942
 A L= 245- 5-10 L = 37.744

NO 13
 点名 X Y
 1 14-16 - 146801.795 - 52927.077
 2 14-17 - 146800.125 - 52929.554
 COS=+ 0.559019 SIN=- 0.829155
 A L= 303-59-17 L = 2.987

NO 14
 点名 X Y
 1 14-17 - 146800.125 - 52929.554
 2 14-10 - 146738.842 - 52927.692
 COS=+ 0.999539 SIN=+ 0.030370
 A L= 1-44-25 L = 61.311

* * * * * 2 直線 の 交点 計算書 * * * * *

求点名	NO	1 14-1	2	14-2	3	14-8		
ALH T1.T2	1-44-25	255-21- 4	75-28-35	345-32-21	186-11-56	65- 5-10		
SIN T1.T2	+0.030369	-0.967494	+0.968044	-0.249718	-0.107980	+0.906942		
COS T1.T2	+0.999539	-0.252895	+0.250779	+0.968319	-0.994153	+0.421256		
コウカク = T	106-23-21		89-56-14		121- 6-46			
COSEC T	+ 1.042354		+ 1.000001		+ 1.168017			
	X	Y						
1 14-10	- 146738.842	- 52927.692	14-12	- 146730.479	- 52902.709	14-14	- 146783.463	- 52891.107
2 14-11	- 146736.494	- 52925.808	14-13	- 146731.993	- 52900.122	14-15	- 146785.895	- 52892.845
X1-2.Y2-1	- 2.348	+ 1.884		+ 1.514	+ 2.587		+ 2.432	- 1.738
X1-2*SI1.2	- 0.0713	+ 2.2717		+ 1.4656	- 0.3781		- 0.2626	+ 2.2057
Y2-1*CO1.2	+ 1.8831	- 0.4765		+ 0.6488	+ 2.5050		+ 1.7278	- 0.7321
COSEC*S1.2	+ 1.8886	+ 1.8713		+ 2.1144	+ 2.1270		+ 1.7114	+ 1.7211
キヨリ S1.S2	1.871	1.889		2.127	2.114		1.721	1.711
	X	Y						
1 14-10	- 146738.842	- 52927.692	14-12	- 146730.479	- 52902.709	14-14	- 146783.463	- 52891.107
DX DY	+ 1.870	+ 0.057		+ 0.533	+ 2.059		- 1.711	- 0.186
3 14-1	- 146736.972	- 52927.635	14-2	- 146729.946	- 52900.650	14-8	- 146785.174	- 52891.293

求点名	NO	4 14-9
ALH T1.T2	245- 5-10	181-44-25
SIN T1.T2	-0.906942	-0.030369
COS T1.T2	-0.421256	-0.999539
コウカク = T	63-20-45	
COSEC T	+ 1.118905	
	X	Y
1 14-16	- 146801.795	- 52927.077
2 14-17	- 146800.125	- 52929.554
X1-2.Y2-1	- 1.670	- 2.477
X1-2*SI1.2	+ 1.5146	+ 0.0507
Y2-1*CO1.2	+ 1.0435	+ 2.4759
COSEC*S1.2	+ 2.8622	+ 2.8270
キヨリ S1.S2	2.827	2.862
	X	Y
1 14-16	- 146801.795	- 52927.077
DX DY	- 1.191	- 2.564
3 14-9	- 146802.986	- 52929.641

* * * * * 各 筆 面 積 計 算 書 * * * * *

14 BLOCK

点 名	X	Y	(X-X0)*(Y-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146700.000	- 52800.000		
14-10	- 146738.842	- 52927.692		
14-11	- 146736.494	- 52925.808	+ 4659.991848	+ 4886.634336
14-18	- 146733.018	- 52912.510	+ 4153.928544	+ 4105.939940
14-12	- 146730.479	- 52902.709	+ 3429.192290	+ 3391.245762
14-13	- 146731.993	- 52900.122	+ 3285.969037	+ 3051.618438
14-3	- 146744.289	- 52896.951	+ 4434.303258	+ 3101.753343
14-4	- 146752.693	- 52893.522	+ 5108.639043	+ 4141.995858
14-5	- 146755.271	- 52891.950	+ 5169.054462	+ 4845.121350
14-6	- 146761.015	- 52890.772	+ 5610.329250	+ 5017.059212
14-7	- 146772.065	- 52889.869	+ 6541.484180	+ 5483.357035
14-14	- 146783.463	- 52891.107	+ 7500.736347	+ 6565.625955
14-15	- 146785.895	- 52892.845	+ 7825.635765	+ 7749.122235
14-16	- 146801.795	- 52927.077	+ 9451.156775	+ 10915.278915
14-17	- 146800.125	- 52929.554	+ 12723.584625	+ 13187.949430
14-10	- 146738.842	- 52927.692	+ 5032.136468	+ 12785.161500
			+ 84926.141892	+ 89227.863309
		倍面積	= 4301.721417	
		面積	= 2150.860708	

夕夕

点 名	X	Y	(X-X0)*(Y-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146700.000	- 52800.000		
14-10	- 146738.842	- 52927.692		
14-11	- 146736.494	- 52925.808	+ 4659.991848	+ 4886.634336
14-18	- 146733.018	- 52912.510	+ 4153.928544	+ 4105.939940
14-12	- 146730.479	- 52902.709	+ 3429.192290	+ 3391.245762
14-13	- 146731.993	- 52900.122	+ 3285.969037	+ 3051.618438
14-3	- 146744.289	- 52896.951	+ 4434.303258	+ 3101.753343
14-4	- 146752.693	- 52893.522	+ 5108.639043	+ 4141.995858
14-5	- 146755.271	- 52891.950	+ 5169.054462	+ 4845.121350
14-6	- 146761.015	- 52890.772	+ 5610.329250	+ 5017.059212
14-7	- 146772.065	- 52889.869	+ 6541.484180	+ 5483.357035
14-14	- 146783.463	- 52891.107	+ 7500.736347	+ 6565.625955
14-15	- 146785.895	- 52892.845	+ 7825.635765	+ 7749.122235
14-16	- 146801.795	- 52927.077	+ 9451.156775	+ 10915.278915
14-17	- 146800.125	- 52929.554	+ 12723.584625	+ 13187.949430
14-10	- 146738.842	- 52927.692	+ 5032.136468	+ 12785.161500
			+ 84926.141892	+ 89227.863309
		倍面積	= 4301.721417	
		面積	= 2150.860708	

* * * * * 各 筆 面 積 計 算 書 * * * * *

1 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146700.000	- 52900.000		
14-1	- 146736.972	- 52927.635		
14-10	- 146738.842	- 52927.692	+ 1073.398670	+ 1023.828624
14-11	- 146736.494	- 52925.808	+ 1010.591848	+ 1002.434336
14-1	- 146736.972	- 52927.635	+ 954.173376	+ 1008.511690
			+ 3038.163894	+ 3034.774650
		倍面積	= 3.389244	
		面積	= 1.694622	

2 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146700.000	- 52900.000		
14-2	- 146729.946	- 52900.650		
14-12	- 146730.479	- 52902.709	+ 19.811350	+ 81.123714
14-13	- 146731.993	- 52900.122	+ 86.669037	+ 3.718438
14-2	- 146729.946	- 52900.650	+ 3.653412	+ 20.795450
			+ 110.133799	+ 105.637602
		倍面積	= 4.496197	
		面積	= 2.248098	

8 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146700.000	- 52800.000		
14-8	- 146785.174	- 52891.293		
14-14	- 146783.463	- 52891.107	+ 7619.587659	+ 7759.947618
14-15	- 146785.895	- 52892.845	+ 7825.635765	+ 7749.122235
14-8	- 146785.174	- 52891.293	+ 7907.980030	+ 7841.612235
			+ 23353.203454	+ 23350.682088
		倍面積	= 2.521366	
		面積	= 1.260683	

9 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146800.000	- 52900.000		
14-9	- 146802.986	- 52929.641		
14-16	- 146801.795	- 52927.077	+ 53.205595	+ 80.851922
14-17	- 146800.125	- 52929.554	+ 3.384625	+ 53.049430
14-9	- 146802.986	- 52929.641	+ 88.248244	+ 3.705125
			+ 144.838464	+ 137.606477
		倍面積	= 7.231987	
		面積	= 3.615993	

* * * 各筆面積 集計表 * * *

街区名・筆名	各筆面積	隅切面積
14 BLOCK	2150.86	
タク子	2150.86	
1 スミキリ		1.69
2 スミキリ		2.24
8 スミキリ		1.26
9 スミキリ		3.61
合計 =	2150.86	8.80