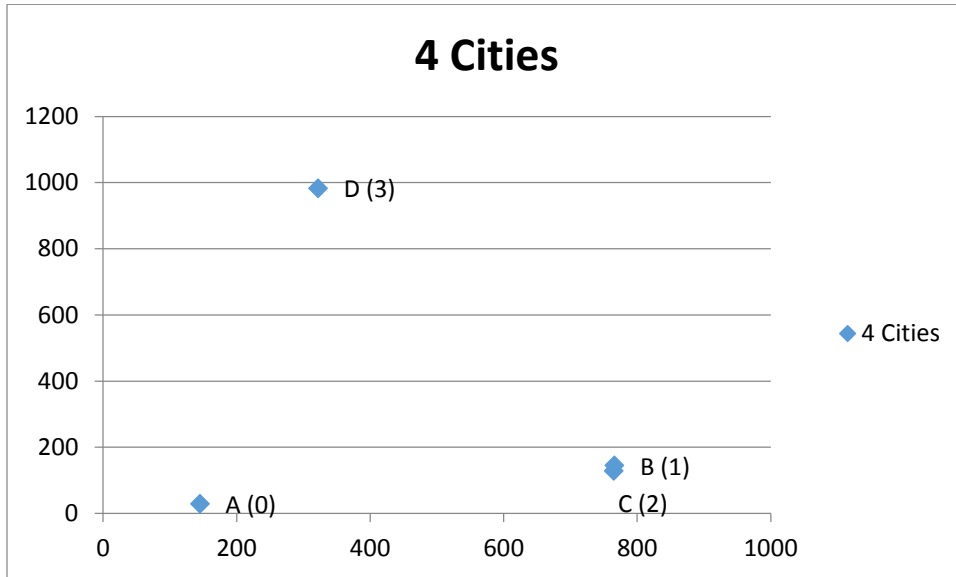


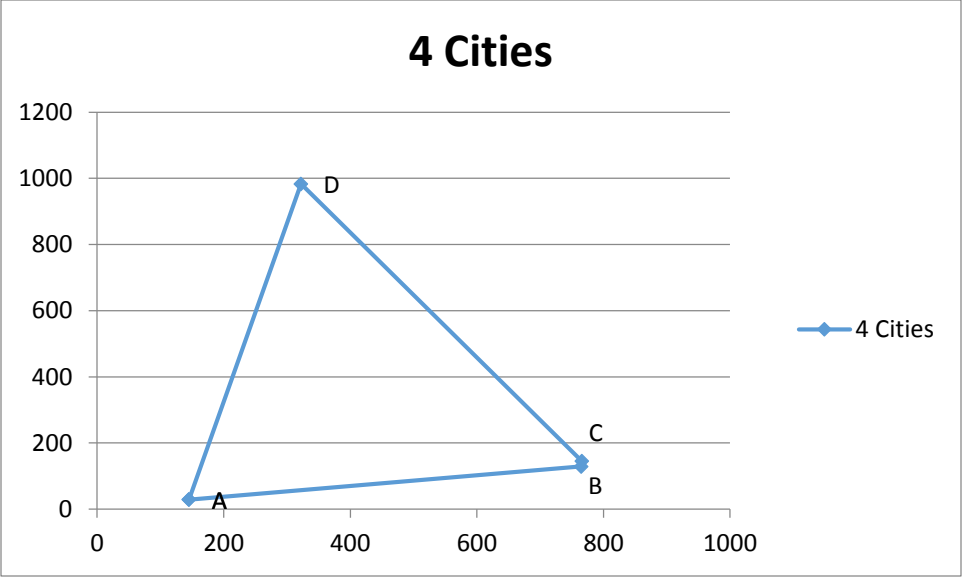
4 Cities:

	Coordinates	
	X	Y
A (0)	145	29
B (1)	766	145
C (2)	765	129
D (3)	322	983



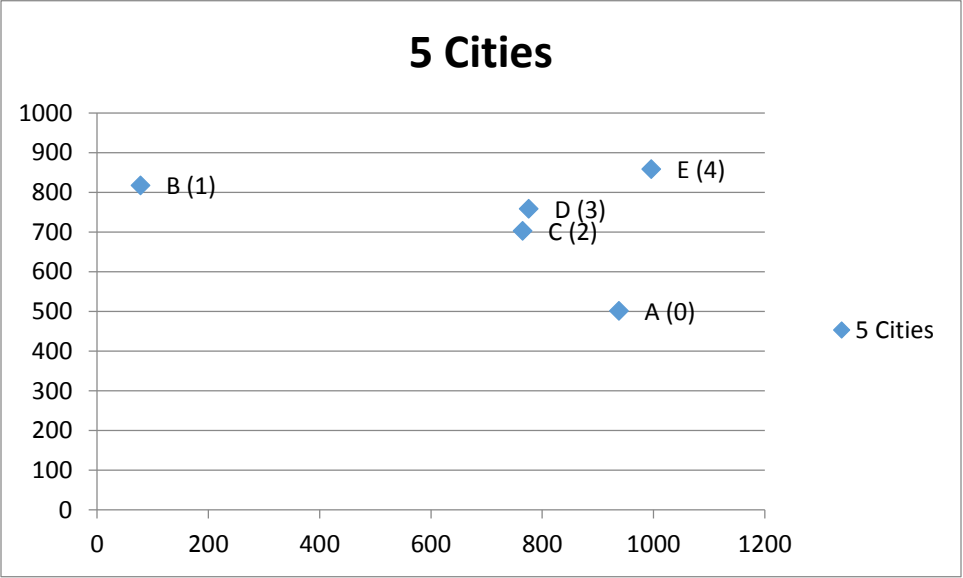
All ways start in 0 and end in 0	
All possible ways (half is enough)	
Way	Distance
1 2 3	2579
1 3 2	3169
2 1 3	2562
2 3 1	3169
3 1 2	2562
3 2 1	2579

Best way:



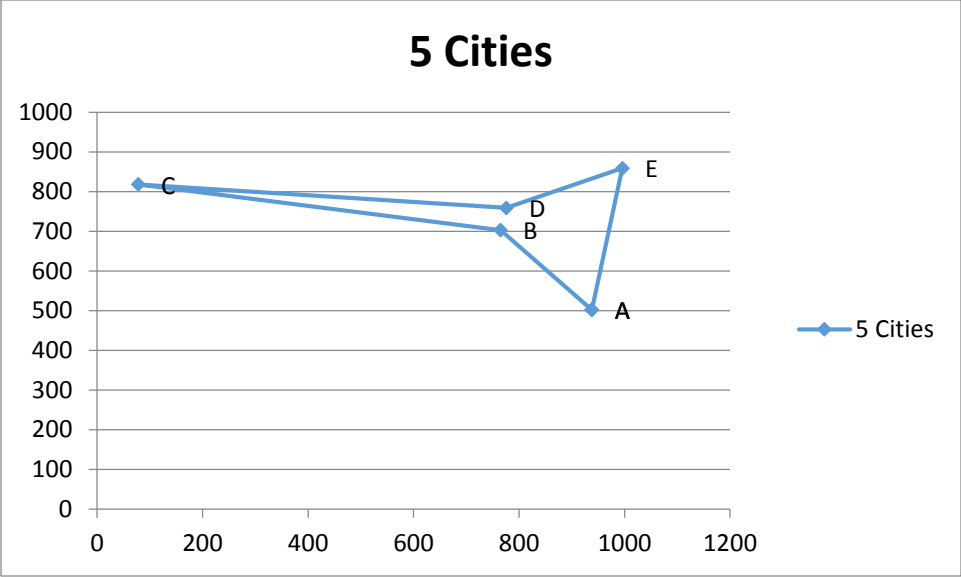
5 Cities:

	Coordinates	
	X	Y
A (0)	938	502
B (1)	78	818
C (2)	765	703
D (3)	776	759
E (4)	996	859



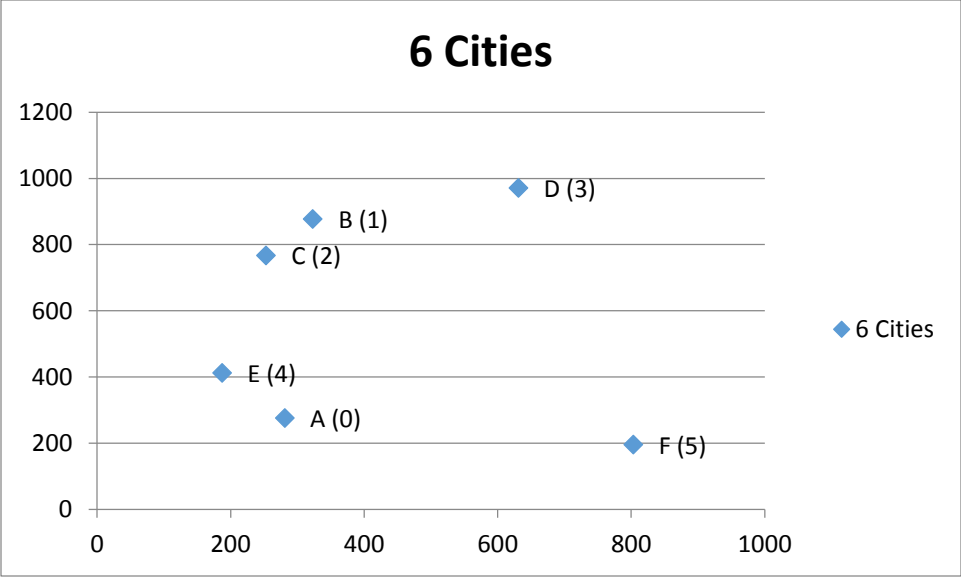
All ways start in 0 and end in 0	
All possible ways (half is enough)	
Way	Distance
1 2 3 4	2271
1 2 4 3	2434
1 3 2 4	2312
1 3 4 2	2400
1 4 2 3	2472
1 4 3 2	2397
2 1 3 4	2263
2 1 4 3	2423
2 3 1 4	2301
2 3 4 1	2397
2 4 1 3	2464
2 4 3 1	2400
3 1 2 4	2338
3 1 4 2	2464
3 2 1 4	2335
3 2 4 1	2472
3 4 1 2	2423
3 4 2 1	2434
4 1 2 3	2335
4 1 3 2	2301
4 2 1 3	2338
4 2 3 1	2312
4 3 1 2	2263
4 3 2 1	2271

Best way:



6 Cities:

	Coordinates	
	X	Y
A (0)	281	276
B (1)	323	878
C (2)	253	768
D (3)	631	972
E (4)	187	413
F (5)	803	196



All ways start in 0 and end in 0	
All possible ways (half is enough)	
Way	Distance
1 2 3 4 5	3056
1 2 3 5 4	2775
1 2 4 3 5	3129
1 2 4 5 3	3320
1 2 5 3 4	3199
1 2 5 4 3	3671
1 3 2 4 5	2896
1 3 2 5 4	2966
1 3 4 2 5	3320
1 3 4 5 2	3576
1 3 5 2 4	3039
1 3 5 4 2	3225
1 4 2 3 5	3199
1 4 2 5 3	3814
1 4 3 2 5	3550
1 4 3 5 2	3879
1 4 5 2 3	3741
1 4 5 3 2	3455
1 5 2 3 4	3537
1 5 2 4 3	4082
1 5 3 2 4	3186
1 5 3 4 2	3796
1 5 4 2 3	3658
1 5 4 3 2	3723
2 1 3 4 5	2838
2 1 3 5 4	2557
2 1 4 3 5	3141
2 1 4 5 3	3332
2 1 5 3 4	3128
2 1 5 4 3	3600
2 3 1 4 5	2908
2 3 1 5 4	2895
2 3 4 1 5	3479
2 3 4 5 1	3723
2 3 5 1 4	3198
2 3 5 4 1	3455
2 4 1 3 5	2981

2 4 1 5 3	3743
2 4 3 1 5	3249
2 4 3 5 1	3796
2 4 5 1 3	3440
2 4 5 3 1	3225
2 5 1 3 4	3319
2 5 1 4 3	4094
2 5 3 1 4	3051
2 5 3 4 1	3879
2 5 4 1 3	3523
2 5 4 3 1	3576
3 1 2 4 5	2773
3 1 2 5 4	2843
3 1 4 2 5	3267
3 1 4 5 2	3523
3 1 5 2 4	3254
3 1 5 4 2	3440
3 2 1 4 5	3003
3 2 1 5 4	2990
3 2 4 1 5	3414
3 2 4 5 1	3658
3 2 5 1 4	3484
3 2 5 4 1	3741
3 4 1 2 5	3427
3 4 1 5 2	4094
3 4 2 1 5	3344
3 4 2 5 1	4082
3 4 5 1 2	3600
3 4 5 2 1	3671
3 5 1 2 4	3063
3 5 1 4 2	3743
3 5 2 1 4	3146
3 5 2 4 1	3814
3 5 4 1 2	3332
3 5 4 2 1	3320
4 1 2 3 5	2531
4 1 2 5 3	3146
4 1 3 2 5	2722
4 1 3 5 2	3051
4 1 5 2 3	3484
4 1 5 3 2	3198

4 2 1 3 5	2301
4 2 1 5 3	3063
4 2 3 1 5	2639
4 2 3 5 1	3186
4 2 5 1 3	3254
4 2 5 3 1	3039
4 3 1 2 5	2652
4 3 1 5 2	3319
4 3 2 1 5	2799
4 3 2 5 1	3537
4 3 5 1 2	3128
4 3 5 2 1	3199
4 5 1 2 3	2990
4 5 1 3 2	2895
4 5 2 1 3	2843
4 5 2 3 1	2966
4 5 3 1 2	2557
4 5 3 2 1	2775
5 1 2 3 4	2799
5 1 2 4 3	3344
5 1 3 2 4	2639
5 1 3 4 2	3249
5 1 4 2 3	3414
5 1 4 3 2	3479
5 2 1 3 4	2652
5 2 1 4 3	3427
5 2 3 1 4	2722
5 2 3 4 1	3550
5 2 4 1 3	3267
5 2 4 3 1	3320
5 3 1 2 4	2301
5 3 1 4 2	2981
5 3 2 1 4	2531
5 3 2 4 1	3199
5 3 4 1 2	3141
5 3 4 2 1	3129
5 4 1 2 3	3003
5 4 1 3 2	2908
5 4 2 1 3	2773
5 4 2 3 1	2896
5 4 3 1 2	2838

5 4 3 2 1	3056
-----------	------

Best way:

