

number of cities 12

the starting city is 0

5 3 8 4 1 11 6 7 10 9 2

the cost is 920

the time for 12 cities is 921411

number of cities 13

the starting city is 0

5 3 8 4 1 11 6 7 10 9 2 12

the cost is 929

the time for 13 cities is 539307

number of cities 14

the starting city is 0

5 3 8 4 1 13 11 6 7 10 9 2 12

the cost is 1025

the time for 14 cities is 647096

number of cities 15

the starting city is 0

5 3 8 4 1 13 14 12 2 9 10 7 6 11

the cost is 994

the time for 15 cities is 815732

number of cities 16

the starting city is 0

5 11 8 4 1 9 3 14 13 10 15 12 7 6 2

the cost is 1623

the time for 16 cities is 828428

number of cities 19

the starting city is 0

5 11 8 4 1 9 3 14 18 15 12 7 6 10 13 17 16 2

the cost is 1660

the time for 19 cities is 978445

number of cities 29

the starting city is 0

27 5 11 8 4 20 1 19 9 3 14 18 24 6 22 26 23 7 15 12 17 13 21 16 10 28 25 2

the cost is 2005

the time for 29 cities is 1571701