Test 1

BFS

The number of nodes in the path found by BFS: 88

Total distance of path found by BFS: 4978.881999999998 m

The number of visited nodes in BFS: 4130

DFS

The number of nodes in the path found by DFS: 1718

Total distance of path found by DFS: 75504.3150000001 m

The number of visited nodes in DFS: 4711

UCS

The number of nodes in the path found by UCS: 89

Total distance of path found by UCS: 4367.8809999999985 m

The number of visited nodes in UCS: 5232

A\*

The number of nodes in the path found by A\* search: 89

Total distance of path found by A\* search: 4367.8809999999985 m

The number of visited nodes in A\* search: 262

A\* time

The number of nodes in the path found by A\* search: 89

Total second of path found by A\* search: 320.87823163083164 s

The number of visited nodes in A\* search: 2016

Test 2

BFS

The number of nodes in the path found by BFS: 60

Total distance of path found by BFS: 4215.521000000001 m

The number of visited nodes in BFS: 4468

DFS

The number of nodes in the path found by DFS: 930

Total distance of path found by DFS: 38752.307999999895 m

The number of visited nodes in DFS: 9365

UCS

The number of nodes in the path found by UCS: 63

Total distance of path found by UCS: 4101.84 m

The number of visited nodes in UCS: 7454

A\*

The number of nodes in the path found by A\* search: 63

Total distance of path found by A\* search: 4101.84 m

The number of visited nodes in A\* search: 1245

A\* time

The number of nodes in the path found by A\* search: 63

Total second of path found by A\* search: 304.44366343603014 s

The number of visited nodes in A\* search: 2955

Test 3

BFS

The number of nodes in the path found by BFS: 183

Total distance of path found by BFS: 15442.394999999995 m

The number of visited nodes in BFS: 11216

DFS

The number of nodes in the path found by DFS: 900

Total distance of path found by DFS: 39219.993000000024 m

The number of visited nodes in DFS: 2247

UCS

The number of nodes in the path found by UCS: 288

Total distance of path found by UCS: 14212.413 m

The number of visited nodes in UCS: 12312

A\*

The number of nodes in the path found by A\* search: 288

Total distance of path found by A\* search: 14212.413 m

The number of visited nodes in A\* search: 7571

A\* time

The number of nodes in the path found by A\* search: 209

Total second of path found by A\* search: 779.527922836848 s

The number of visited nodes in A\* search: 8727