

Total Number Of Nodes examined in algo

| Matrix size\ algo | 10 | 15 | 20 | 25 | 30 | 35 | 37 | 40 | 45 | 50 |
|----------------------|----|-----|-----|-----|-----|------|------|------|------|------|
| A* | 93 | 218 | 385 | 583 | 852 | 1170 | 1314 | 1516 | 1920 | 2369 |
| Best First Search | 93 | 218 | 385 | 583 | 852 | 1170 | 1314 | 1516 | 1920 | 2369 |
| BFS | 93 | 219 | 385 | 595 | 853 | 1173 | 1319 | 1525 | 1925 | 2385 |
| DFS | 21 | 29 | 39 | 52 | 64 | 74 | 75 | 83 | 94 | 107 |

Cheapest total Cost during Search

| Matrix size\ algo | 10 | 15 | 20 | 25 | 30 | 35 | 37 | 40 | 45 | 50 |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| A* | 123 | 185 | 244 | 255 | 294 | 377 | 234 | 431 | 511 | 515 |
| Best First Search | 123 | 185 | 244 | 255 | 294 | 377 | 234 | 431 | 511 | 515 |
| BFS | 171 | 302 | 397 | 540 | 558 | 652 | 396 | 757 | 898 | 979 |
| DFS | 177 | 302 | 397 | 540 | 665 | 660 | 429 | 687 | 833 | 976 |

