**Search Result: Air Cargo Problem 1.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Algorithm | #Action | #Exp. | #New\_Nodes | Plan Length | Time |
| Breadth First | 20 | 43 | 178 | 6 | 0.00267 |
| Depth First | 20 | 21 | 84 | 20 | 0.00118 |
| Uniform Cost | 20 | 60 | 240 | 6 | 0.00540 |
| GBF / unmet | 20 | 7 | 29 | 6 | 0.00057 |
| GBF / levelsum | 20 | 6 | 28 | 6 | 0.31033 |
| GBF / maxlevel | 20 | 6 | 24 | 6 | 0.23962 |
| GBF / setlevel | 20 | 6 | 28 | 6 | 0.89930 |
| A\* / unmet | 20 | 50 | 206 | 6 | 0.00333 |
| A\* / levelsum | 20 | 28 | 122 | 6 | 0.88186 |
| A\* / maxlevel | 20 | 43 | 180 | 6 | 0.84538 |
| A\* / setlevel | 20 | 33 | 138 | 6 | 2.62156 |

**Search Result: Air Cargo Problem 2.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Algorithm | #Action | #Exp. | #New\_Nodes | Plan length | Time |
| Breadth First | 72 | 3343 | 30503 | 9 | 0.72201 |
| Depth First | 72 | 624 | 5602 | 619 | 1.04675 |
| Uniform Cost | 72 | 5154 | 46618 | 9 | 1.26157 |
| GBF / unmet | 72 | 17 | 170 | 9 | 0.00666 |
| GBF / levelsum | 72 | 9 | 86 | 9 | 8.19056 |
| GBF / maxlevel | 72 | 27 | 249 | 9 | 15.78944 |
| GBF / setlevel | 72 | 9 | 84 | 9 | 20.79684 |
| A\* / unmet | 72 | 2467 | 22522 | 9 | 1.66867 |
| A\* / levelsum | 72 | 357 | 3426 | 9 | 219.36707 |
| A\* / maxlevel | 72 | 2887 | 26594 | 9 | 1217.79960 |
| A\* / setlevel | - | - | - | - | - |

**Search Result: Air Cargo Problem 3.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Algorithm | #Action | #Exp. | #New nodes | Plan length | Time |
| Breadth First | 88 | 14463 | 129625 | 12 | 3.65076 |
| Depth First | 88 | 408 | 3364 | 392 | 0.38791 |
| Uniform Cost | 88 | 18510 | 161936 | 12 | 5.85356 |
| GBF / unmet | 88 | 25 | 230 | 15 | 0.01725 |
| GBF / levelsum | 88 | 14 | 126 | 14 | 16.69041 |
| GBF / maxlevel | - | - | - | - | - |
| GBF / setlevel | - | - | - | - | - |
| A\* / unmet | 88 | 7388 | 65711 | 12 | 2.99959 |
| A\* / levelsum | 88 | 369 | 3403 | 12 | 337.50373 |
| A\* / maxlevel | - | - | - | - | - |
| A\* / setlevel | - | - | - | - | - |

**Search Result: Air Cargo Problem 4.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Algorithm | #Action | #Exp. | #New nodes | Plan length | Time |
| Breadth First | 104 | 99736 | 944130 | 14 | 33.56248 |
| Depth First | - | - | - | - | - |
| Uniform Cost | 104 | 113339 | 1066413 | 14 | 45.88562 |
| GBF / unmet | 104 | 29 | 280 | 18 | 0.02142 |
| GBF / levelsum | 104 | 17 | 165 | 17 | 29.49408 |
| GBF / maxlevel | - | - | - | - | - |
| GBF / setlevel | - | - | - | - | - |
| A\* / unmet | 104 | 34330 | 328509 | 14 | 19.87879 |
| A\* / levelsum | - | - | - | - | - |
| A\* / maxlevel | - | - | - | - | - |
| A\* / setlevel | - | - | - | - | - |