|  |  |  |  |
| --- | --- | --- | --- |
| 7 | 6 | | 8 |
| 4 | - | | 2 |
| 3 | 1 | | 5 |
| g(n): 3 | | h(n): 36 | |
| Expansion#: | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| - | 7 | | 8 |
| 4 | 6 | | 2 |
| 3 | 1 | | 5 |
| g(n): 2 | | h(n): 37 | |
| **Expansion#: 4** | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| 7 | 8 | | - |
| 4 | 6 | | 2 |
| 3 | 1 | | 5 |
| g(n): 2 | | h(n): 33 | |
| **Expansion#: 2** | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| 7 | - | | 8 |
| 4 | 6 | | 2 |
| 3 | 1 | | 5 |
| g(n): 0 | | h(n): 35 | |
| **Expansion#: 1** | | | |

|  |  |  |
| --- | --- | --- |
| 1 | 2 | 3 |
| 8 | - | 4 |
| 7 | 6 | 5 |

|  |  |  |  |
| --- | --- | --- | --- |
| 7 | 8 | | 2 |
| 4 | 6 | | - |
| 3 | 1 | | 5 |
| g(n): 5 | | h(n): 30 | |
| **Expansion#: 3** | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| 7 | - | | 8 |
| 4 | 6 | | 2 |
| 3 | 1 | | 5 |
| g(n): 4 | | h(n): 35 | |
| Expansion#: | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| 7 | 8 | | - |
| 4 | 6 | | 2 |
| 3 | 1 | | 5 |
| g(n): 6 | | h(n): 33 | |
| Expansion#: | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| 7 | 8 | | 2 |
| 4 | 6 | | 5 |
| 3 | 1 | | - |
| g(n): 8 | | h(n): 31 | |
| Expansion#: | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| 7 | 8 | | 2 |
| 4 | - | | 6 |
| 3 | 1 | | 5 |
| g(n): 7 | | h(n): 32 | |
| Expansion#: | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| 4 | 7 | | 8 |
| - | 6 | | 2 |
| 3 | 1 | | 5 |
| g(n): 5 | | h(n): 38 | |
| Expansion#: | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| 7 | - | | 8 |
| 4 | 6 | | 2 |
| 3 | 1 | | 5 |
| g(n): 4 | | h(n): 35 | |
| Expansion#: | | | |