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Question 1

1. Manhattan distance performs better
2. As the Manhattan distance method is exploring more nodes, the Misplaced Tiles method has to explore **increasingly** more nodes than the Manhattan distance method

|  |  |
| --- | --- |
| Manhattan  12 | Misplaced Tiles  14 |
| 19 | 41 |
| 42 | 110 |
| 4037 | 319374 |
| 79 | 3386 |