

DFS and BFS Path example

Start at the black 1 position

Goal getting the red 15 position

What is DFS path?

What is BFS path?

| | | | | |
|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 |

Breadth First Search:

1->2->3->4->5->6->7->8->9->10->11->12->13->14->15

Depth First Search:

1->2->3->4->5->10->15