| A | (1,1) No op | (1,3) N | (1,3) S | (1,3) E | (1,3) W | (1,4) No op |
|---|---|---|---|---|---|---|
| (1,1) | 1 | 0 | 0 | 0 | 0 | 0 |
| (1,2) | 0 | 0 | 0 | 0 | 0 | 0 |
| (1,3) | 0 | 0.1 | 0.9 | 0.9 | 0.1 | 0 |
| (1,4) | 0 | -0.1 | -0.1 | -0.8 | 0 | 1 |
| (2,1) | 0 | 0 | 0 | 0 | 0 | 0 |
| (2,2) | 0 | 0 | 0 | 0 | 0 | 0 |
| (2,3) | 0 | 0 | -0.8 | -0.1 | -0.1 | 0 |
| (2,4) | 0 | 0 | 0 | 0 | 0 | 0 |
| (3,1) | 0 | 0 | 0 | 0 | 0 | 0 |
| (3,2) | 0 | 0 | 0 | 0 | 0 | 0 |
| (3,3) | 0 | 0 | 0 | 0 | 0 | 0 |
| (3,4) | 0 | 0 | 0 | 0 | 0 | 0 |
| (4,1) | 0 | 0 | 0 | 0 | 0 | 0 |
| (4,2) | 0 | 0 | 0 | 0 | 0 | 0 |
| (4,3) | 0 | 0 | 0 | 0 | 0 | 0 |
| (4,4) | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 0 | 0 | 0 | 0 | 1 |
| X | 0.011384753 | 0 | 0 | 0.135569459 | 0 | 0.976100106 |
| | 0 | 0 | 0 | 0 | 0 | 0 |

| Team | 43 | Step cost | | | | |
|---|---|---|---|---|---|---|
| R | 4.3 | -4.3 | -4.3 | -4.3 | -4.3 | 43 |

| Ax | -1.74E-18 | -3.19E-16 | -4.44E-16 | 1.39E-17 | 2.99E-13 | 2.78E-16 |
|---|---|---|---|---|---|---|

| GOAL | WALL |
|---|---|
| -> | -> |
| -> | ^ |
| ^ | ^ |

| (2,1) N | (2,1) S | (2,1) E | (2,1) W | (2,2) N | (2,2) S | (2,2) E |
|---|---|---|---|---|---|---|
| -0.8 | 0 | -0.1 | -0.1 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0.9 | 0.9 | 1 | 0.2 | -0.1 | -0.1 | 0 |
| -0.1 | -0.1 | -0.8 | 0 | 0.2 | 1 | 0.9 |
| 0 | 0 | 0 | 0 | -0.1 | -0.1 | -0.8 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | -0.8 | -0.1 | -0.1 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | -0.8 | -0.1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0.113847534 | 0 | 0 | 0 | 1.220125132 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -4.3 | -4.3 | -4.3 | -4.3 | -4.3 | -4.3 | -4.3 |
| 4.11E-15 | -2.35E-14 | -5.51E-14 | 0 | 0 | 1 | 2.22E-16 |

| -> | GOAL |
|---|---|
| -> | ^ |
| WALL | ??? |
| END | ??? |

| (2,2) W | (2,3) N | (2,3) S | (2,3) E | (2,3) W | (2,4) N | (2,4) S |
|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | -0.8 | 0 | -0.1 | -0.1 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | -0.8 | 0 |
| -0.8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0.9 | -0.1 | -0.1 | 0 | -0.8 | 0 | 0 |
| 0 | 1 | 0.2 | 0.9 | 0.9 | -0.1 | -0.1 |
| 0 | -0.1 | -0.1 | -0.8 | 0 | 0.9 | 0.9 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -0.1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | -0.8 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 1.220125132 | 0 | 1.084555673 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -4.3 | -4.3 | -4.3 | -4.3 | -4.3 | -4.3 | -4.3 |

| -5.20E-18 | 0 |
|---|---|

| (2,4) E | (2,4) W | (3,1) N | (3,1) S | (3,1) E | (3,1) W | (3,2) N |
|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -0.1 | -0.1 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | -0.8 | 0 | -0.1 | -0.1 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | -0.8 |
| 0 | -0.8 | 0 | 0 | 0 | 0 | 0 |
| 0.2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0.9 | 0.9 | 1 | 0.2 | -0.1 |
| 0 | 0 | -0.1 | -0.1 | -0.8 | 0 | 0.9 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -0.1 | -0.1 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | -0.8 | -0.1 | -0.1 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 1.138475344 | 0 | 1.258793239 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -4.3 | -4.3 | -4.3 | -4.3 | -4.3 | -4.3 | -4.3 |

| (3,2) S | (3,2) E | (3,2) W | (3,4) N | (3,4) S | (3,4) E | (3,4) W |
|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | -0.1 | -0.1 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | -0.8 | 0 | -0.1 | -0.1 |
| -0.1 | 0 | -0.8 | 0 | 0 | 0 | 0 |
| 0.9 | 0.2 | 1 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0.8 | 0.8 | 0.2 | 0.2 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -0.8 | -0.1 | -0.1 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | -0.8 | -0.1 | -0.1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -4.3 | -4.3 | -4.3 | -4.3 | -4.3 | -4.3 | -4.3 |

| (4,1) N | (4,1) S | (4,1) E | (4,1) W | (4,2) N | (4,2) S | (4,2) E |
|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -0.8 | 0 | -0.1 | -0.1 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | -0.8 | 0 | -0.1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0.9 | 0.1 | 0.9 | 0.1 | -0.1 | -0.1 | 0 |
| -0.1 | -0.1 | -0.8 | 0 | 1 | 0.2 | 0.9 |
| 0 | 0 | 0 | 0 | -0.1 | -0.1 | -0.8 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.251514084 | 0 | 0 | 0 | 0.125151408 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | |
| -4.3 | -4.3 | -4.3 | -4.3 | -4.3 | -4.3 | -4.3 |

| (4,2) W | (4,3) No op | (4,4) N | (4,4) S | (4,4) E | (4,4) W | |
|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0 | 0 | 0 | 0 | 0 | 0 | -1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -0.1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | -0.8 | 0 | -0.1 | -0.1 | 0 |
| -0.8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0.9 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0 | 1 | -0.1 | -0.1 | 0 | -0.8 | -1 |
| 0 | 0 | 0.9 | 0.1 | 0.1 | 0.9 | 1 |
| 0 | 1 | 0 | 0 | 0 | 0 | 3 |
| | | | | | | |
| 0 | 0.012515141 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | | | | |
| | | | | | | |
| -4.3 | -8.6 | -4.3 | -4.3 | -4.3 | -4.3 | |

| Alpha | Sum Product |
|---|---|
| 0 | -1.73472347597681E-18 |
| 0 | 0 |
| 0 | -3.88578058618805E-16 |
| 0 | -2.1094237467878E-15 |
| 0 | 1.38777878078145E-17 |
| 0 | 2.99982261253717E-13 |
| 0 | -4.02455846426619E-16 |
| 0 | 4.10782519111308E-15 |
| 0 | -2.46469511466785E-14 |
| 0 | -4.66293670342566E-15 |
| 0 | 0 |
| 0 | 0 |
| 1 | 1 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 1.00000000000028 |

| **Total Result** | 9.45655364719178 |
|---|---|