

Find the shortest route from a to f:

To

From

|     |   | a | b | c | d | e | f  |
|-----|---|---|---|---|---|---|----|
|     | a | - | 6 | 4 | - | 7 | -  |
| +6  | b | 6 | - | 3 | 9 | - | -  |
| +4  | c | 4 | 3 | - | 6 | - | -  |
| +11 | d | - | 5 | - | 4 | - | 14 |
| +9  | e | - | 3 | 6 | - | - | 8  |
| +14 | f | - | - | - | 8 | - | -  |

Length = 14

f - d - b - a  
 3      5      6  
 14