

The image shows a 10x10 grid. A black path starts at (1,1), goes right to (1,4), then down to (4,4), then right to (4,7), then down to (7,7), then right to (7,10), then down to (10,10), then left to (10,4), then up to (4,4). A red path starts at (1,1), goes right to (1,4), then down to (4,4), then right to (4,5), then down to (5,5), then right to (5,6), then down to (6,6), then right to (6,7), then down to (7,7), then right to (7,10), then down to (10,10), then left to (10,4), then up to (4,4).