



A 10x10 grid with a complex black path and a red path. The black path starts at (1,1), goes right to (10,1), then down to (10,10), then left to (1,10), then up to (1,1), forming a large rectangle. The red path starts at (1,1), goes right to (2,1), then down to (2,10), then left to (1,10), then up to (1,1), forming a smaller rectangle. The red path is a subset of the black path.