

Puzzle	Heuristic	Solved?	# Edges	Cost	#Expanded	Max OPEN
A	None(UCS)	Y	166	8	166	101
A	Hamming	Y	7	7	7	6
A	Manhattan	Y	7	7	7	6
B	None(UCS)	Y	1490	13	1490	898
B	Hamming	Y	94	12	94	72
B	Manhattan	Y	33	8	33	25
C	None(UCS)	Y	4070	15	4070	2290
C	Hamming	Y	189	14	189	127
C	Manhattan	Y	56	14	56	39
D	None(UCS)	Y	7982	17	7982	4700
D	Hamming	Y	589	16	589	368
D	Manhattan	Y	148	16	148	96

Puzzle A: [3,0,1,6,4,2,7,8,5]

Puzzle B: [3,1,2,6,8,7,5,4,0]

Puzzle C: [4,5,0,1,2,8,3,7,6]

Puzzle D: [0,8,2,1,7,4,3,6,5]