

Instance	Python	Time (s)		
	BFS	DFS	A*	
.....2143.....6.....2.15.....637.....68..4....23.....7...	54.5944108963012	13.2196435928344	9.9905984401703	
.....241..8.....3..4.5.7....1.....3.....51.6...2...5.3...7...	1668.73880338668	393.365177631378	16.629526376724	
.....24...1.....8.3.7..1.1.8.5...2.....2.4...6.5...7.3.....	208.996187925338	47.3264124393463	52.347761869431	
.....23.1.4...5.....1....4...2.8...8.3...5.16.4...7...3.....	726.960300445556	165.210877180099	0.8301262855530	
.....21..5..3.4.6.....21..8.....75...6....4.8...1.7...3.....	35.2945427894592	7.89699983596801	19.000652074814	
.....215.3...6.....1.4.6.7...5...2.....48.3...1.7...2.....	293.851696968078	68.6801035404205	85.356328010559	
.....21.9.7.....514..63.....2.....6..93...1.4...2...8...	2569.30886459350	644.327182292938	81.126332998276	
.....314..2.....7.....3.1.5.7.5...2.6.....8.2...3.6.....4...	18.6318185329437	4.02250456809997	4.3561635017395	
.....24...1.....8.1.7...9.3.8.1...2.....2.4...6.5...7.3.....	236.624476671218	53.0214478969573	13.891758203506	
.....214.3.....1.6..8...3...2...7...6....47.5..12.....8....	3330.30573892593	758.430779218673	3.0925076007843	
.....13.2.5.....1.3...7...8.2...4.....34.5..67...2.....1....	312.628437519073	69.6013739109039	3.1801757812500	
.....23.1.4...5.....1....4...6..9...2.3.....5.17.4...8...3.....	823.242156267166	193.487572908401	35.033111095428	
.....1497.....2.....36.5..1.....2...6...73.2..14.....8....	2239.71097612380	530.812067270278	14.422354459763	
.....314..2.....9.....3.1.5.7.5...2.4.....8.2...3.6.....4...	31.0607554912567	7.88073444366455	8.8789546489716	
.....14.8.5...2.....2.8.51.....7...7...53.6..14.....2.....	637.070088863372	158.654557704925	49.731154441833	
.....23.1.8.....6.3...2...5...7...4.....5.71...2.1...6...4...	401.306339025497	101.041143417358	10.398878812790	
.....23.8...7.4...2...3...2.....4.1...6.5..1...6...8.7.....3....	123.745615005493	32.3464803695678	31.605452537537	
.....213..8.....6.5..7...2...4.....3..1...4.8..5...12.....6...	531.505537509918	131.949743747711	183.21849846840	
.....37..2...5.1.....2..1.4....16.3.4...7...63.....2.....8....	35.3682317733764	8.65821027755737	4.1452190876007	
.....13..2.....8...76.2...8..4..1.....2...75.6..34.....8...	285.675184488296	68.9681508541107	51.841243267059	
.....23..5..8...1...2...9...4.1.58.....6...95.....2.7...1.....	529.409988164901	131.528031587600	98.829937219620	
.....379..4.....1...1.3..2...4...7...6...65..2.....7.8...1.....	71.2610003948211	19.1022970676422	20.920993328094	
.....52...7..4.1.....1.6.....3.8..42.....2..1...4.5..3...6...	959.278682947158	242.867365598678	48.520752906799	
.....32.1.....3...3.97.....6.1.8....4.2.....8...54.....16...	170.411445379257	40.1889252662658	69.742775678635	
.....21.7.3.....4...1.2.5.4.3...8...1...2.6.....7.3..6.....	205.192663192749	1.92287707328796	1.0526320934296	
.....41...62.....71..3.6.2...5.5.....31.4.....82...4.....	6.97995066642761	51.7773370742797	3.3358073234558	
.....214.6.....129..7.6.....3...51...3...8.76..2.....	1710.63498616218	435.266664743423	107.00807666779	
.....215..4.....7...3.6.....2.5..1.....6.....2.3..31.7.....8...	6217.11318802833	1546.30093145370	40.642073631287	
.....318.9.....4.4...8.....6.2...1...31.5.....2.4.7.9.....	2857.29231023788	731.076304912567	1.7219300270081	
.....216...3.7.9.....437.1.....2.....6...8..21...4...5...	229.722068071365	60.6382906436920	18.033382415771	
.....51...36.....4.5...8.2...6.....1...2.34..1.4..7.6.....	2701.70026612281	659.712111949920	276.73262667656	
.....15...83.....2...26...8.....1...8.....1.5.4.....3..72.9.....	197.001742601394	46.9766850471496	80.132982254028	
.....21.6.5.....9...4...2...7...3...6...1.24.....3.64.8.....	2145.39207673072	547.166305065155	165.63897395134	
.....23.1.4...5.....1....4...2.8...9.3...5.16.4...7...3.....	496.446259498596	120.971768617630	0.9563450813293	
.....314..2.....9.....3.1.5.7.5...2.6.....8.2...3.6.....4...	14.2481880187988	3.35848855972290	5.0288162231445	
.....13...8...7...5.2....4.9..1.7.....2.89...5.4...6...1....	20.6744670867919	4.82585000991821	14.386977672577	
.....234.8.....1...9...5.32.....4.....6.....4.18...3...5...9....	265.888946294784	65.3506357669830	2.0421094894409	
.....21.7.3.....9...1.2.5.4.3...8...1...2.6.....7.3..6.....	0.69291234016418	0.15996241569519	0.6761806011200	
.....27.4.8.....1...4.9.6...5...1.....12.5.8...3.3..7....	215.990155696868	50.8859181404113	4.8779525756836	
.....312..7....4.....38...6...4.3..1.....514..7...2...8....	358.214366197586	89.9583413600921	2.9236874580383	
.....15..4..7.3...6...8...2...1.4...4.5.....236...1.....7.....	131.751917123794	32.1873714923858	21.999568223953	
.....236..7.....8...385..2...8.....1...2..64...34.....1.....	468.728545665740	124.210572719573	80.598743677139	
.....21..4.7.....8...31.6.....75..2.....5..21...4...8...3....	203.161623954772	49.6782526969909	60.493076562881	
.....213..7.....6.5..3...2...7.....8..1...4.7..5...12.....6...	720.913778543472	180.938393354415	307.11244940758	
.....352.1...8.....4...7...2..4..5.3..3..7..6...4.2.....1....	2247.79097032546	566.421730279922	214.36742663383	
.....36..71.....4.5.4.5.3.....7.2.....1...1.2..8.3.....9.....	4.49416780471801	1.04029607772827	9.0792250633240	
.....1479.....2.....36.5..1.....2...6...73.2..14.....8....	2122.07622790336	511.011923313140	16.843131542206	
.....19..25.....91...3...4.7.3.....4...2.82...6.5...1....	50.8232052326202	13.1878769397735	153.12768650055	
.....32.1.4.....3.7.2.84...6.....8.1.47..1.5..3.....	57.1353707313537	15.7303998470306	0.8711295127869	
.....214.6.....128..6.9.....3...51...3...7.96..2.....	778.977835655212	201.700656890869	53.362620592117	