

Puzzle - H1	Iterations/nodes	# of Moves		H2	Iterations/nodes	# of Moves		H3	Iterations/nodes	# of Moves	
[1, 8, 5, 4, 0, 2, 7, 6, 3]	50	10			15	10			15	10	
[1, 6, 2, 8, 4, 3, 0, 7, 5]	1232	18			386	18			449	18	
[4, 3, 2, 0, 1, 5, 7, 8, 6]	812	17			565	17			415	17	
[1, 3, 0, 7, 2, 4, 5, 8, 6]	39	10			12	10			19	10	
[4, 3, 1, 2, 7, 5, 0, 8, 6]	2878	20			255	20			728	20	
[1, 0, 2, 6, 5, 3, 7, 4, 8]	776	17			196	17			364	17	
[1, 7, 4, 5, 3, 0, 2, 6, 8]	5395	21			295	21			809	21	
[3, 0, 2, 1, 6, 4, 7, 5, 8]	149	13			55	13			52	13	
[4, 2, 7, 5, 1, 6, 8, 0, 3]	11620	23			1691	23			2335	23	
[1, 2, 3, 4, 0, 8, 7, 6, 5]	15	6			8	6			11	6	
[2, 3, 6, 5, 0, 8, 7, 1, 4]	1422	18			283	18			453	18	
[3, 8, 7, 0, 6, 2, 1, 4, 5]	3318	21			158	21			460	21	
[2, 4, 3, 7, 0, 5, 8, 1, 6]	41	10			14	10			16	10	
[5, 6, 1, 4, 2, 0, 7, 8, 3]	692	17			209	17			267	17	
[1, 8, 5, 7, 0, 2, 4, 3, 6]	3084	20			1129	20			973	20	
[1, 2, 5, 7, 4, 6, 0, 8, 3]	541	16			152	16			226	16	
[8, 7, 1, 3, 0, 6, 5, 4, 2]	20545	24			1064	24			2518	24	
[4, 1, 3, 7, 2, 6, 5, 0, 8]	9	7			8	7			8	7	
[2, 5, 0, 7, 3, 8, 1, 4, 6]	385	16			160	16			106	16	
[7, 1, 2, 5, 8, 0, 3, 6, 4]	3362	21			68	21			729	21	
[0, 2, 3, 1, 5, 6, 4, 7, 8]	4	4			4	4			4	4	
[1, 5, 2, 4, 3, 0, 7, 8, 6]	7	5			6	5			6	5	
[7, 1, 5, 3, 6, 2, 4, 8, 0]	2734	20			255	20			566	20	
[2, 1, 8, 4, 6, 3, 0, 7, 5]	1271	18			319	20			347	18	
[5, 1, 3, 0, 2, 7, 4, 8, 6]	66	11			16	11			24	11	
[8, 0, 1, 4, 7, 3, 6, 2, 5]	1432	19			78	19			256	19	
[3, 5, 1, 7, 4, 6, 0, 2, 8]	2735	20			332	20			626	20	
[2, 4, 1, 8, 3, 0, 6, 5, 7]	11309	23			381	23			1972	23	
[1, 2, 3, 7, 4, 6, 5, 0, 8]	7	5			6	5			6	5	
[2, 8, 3, 7, 4, 5, 1, 0, 6]	145	13			63	13			46	13	
[4, 3, 6, 5, 7, 8, 1, 0, 2]	815	17			314	17			202	17	
[6, 4, 1, 7, 5, 3, 2, 8, 0]	5843	22			175	22			1143	22	
[1, 2, 3, 5, 0, 7, 4, 8, 6]	26	8			12	8			15	8	
[1, 3, 0, 4, 2, 5, 7, 8, 6]	4	4			4	4			4	4	

[4, 1, 5, 8, 0, 2, 7, 6, 3]	99	12			14	12			20	12	
[1, 2, 3, 0, 4, 5, 7, 8, 6]	3	3			3	3			3	3	
[6, 1, 3, 2, 5, 8, 7, 4, 0]	1273	18			704	22			343	18	
[2, 6, 0, 1, 7, 3, 8, 4, 5]	1398	18			381	20			417	18	
[5, 2, 7, 1, 6, 3, 0, 8, 4]	5813	22			333	24			1107	22	
[1, 5, 3, 7, 6, 0, 8, 4, 2]	1069	17			210	17			334	17	
[2, 3, 5, 7, 0, 1, 4, 8, 6]	708	16			142	16			209	16	
[5, 2, 0, 3, 7, 1, 4, 8, 6]	2866	20			565	22			697	20	
[3, 6, 4, 0, 5, 7, 2, 8, 1]	10882	23			1276	25			1008	23	
[2, 3, 5, 8, 0, 6, 4, 7, 1]	3129	20			534	20			795	20	
[2, 8, 3, 0, 1, 5, 7, 6, 4]	343	15			120	15			108	15	
[1, 2, 3, 8, 6, 5, 7, 4, 0]	1259	18			227	18			545	18	
[4, 8, 5, 2, 1, 6, 3, 0, 7]	11654	23			523	23			1689	23	
[0, 2, 3, 1, 6, 8, 4, 7, 5]	14	8			8	8			8	8	
[1, 2, 6, 3, 5, 8, 4, 7, 0]	178	14			39	14			88	14	
[0, 3, 4, 1, 6, 2, 7, 8, 5]	392	16			232	18			172	16	
[1, 3, 0, 5, 2, 4, 8, 7, 6]	253	14			51	14			95	14	
[7, 4, 5, 8, 2, 1, 6, 3, 0]	2326	20			89	22			223	20	
[4, 3, 0, 7, 1, 8, 6, 2, 5]	163	14			17	14			30	14	
[4, 2, 3, 5, 0, 6, 7, 1, 8]	139	12			65	12			69	12	
[4, 6, 3, 7, 1, 8, 0, 2, 5]	1322	18			322	18			318	18	
[5, 2, 3, 4, 7, 6, 1, 0, 8]	326	15			97	15			154	15	
[4, 6, 1, 2, 8, 5, 7, 0, 3]	317	15			91	15			89	15	
[1, 3, 5, 2, 4, 6, 8, 0, 7]	334	15			103	15			127	15	
[3, 6, 0, 7, 4, 2, 5, 1, 8]	349	16			57	16			78	16	
[7, 2, 3, 4, 1, 5, 0, 8, 6]	539	16			156	18			209	16	
[2, 6, 8, 1, 3, 0, 4, 5, 7]	134	13			24	13			35	13	
[3, 0, 8, 1, 4, 2, 7, 6, 5]	140	13			19	13			33	13	
[5, 3, 0, 1, 8, 6, 2, 4, 7]	1219	18			381	18			276	18	
[1, 3, 5, 7, 2, 0, 8, 4, 6]	26	9			12	9			12	9	
[1, 5, 2, 7, 0, 6, 8, 3, 4]	119	12			55	12			39	12	
[1, 8, 2, 5, 6, 0, 4, 7, 3]	364	15			102	15			130	15	
[1, 6, 2, 5, 3, 8, 4, 7, 0]	29	10			15	10			14	10	
[7, 1, 2, 5, 3, 0, 8, 4, 6]	138	13			20	13			43	13	
[0, 3, 5, 6, 2, 4, 1, 7, 8]	6177	22			343	22			1459	22	

[8, 1, 2, 5, 3, 0, 4, 7, 6]	147	13				20	13				35	13	
[3, 1, 5, 0, 2, 8, 6, 4, 7]	4874	21				205	21				832	21	
[2, 1, 3, 4, 0, 5, 8, 7, 6]	3435	20				511	20				1446	20	
[0, 1, 8, 5, 3, 6, 4, 7, 2]	1246	18				259	18				277	18	
[1, 3, 5, 0, 7, 2, 8, 4, 6]	41	11				12	11				26	11	
[1, 2, 3, 4, 8, 5, 7, 6, 0]	5	4				4	4				4	4	
[1, 3, 0, 7, 2, 8, 5, 6, 4]	73	12				26	14				26	12	
[1, 2, 6, 5, 3, 7, 0, 4, 8]	388	16				212	16				167	16	
[1, 3, 6, 7, 4, 2, 5, 8, 0]	31	10				17	10				15	10	
[1, 3, 6, 2, 7, 0, 4, 5, 8]	162	13				104	13				76	13	
[4, 5, 1, 7, 6, 2, 0, 8, 3]	203	14				97	14				57	14	
[1, 8, 4, 6, 3, 0, 5, 7, 2]	4911	21				405	21				779	21	
[5, 1, 3, 2, 6, 8, 4, 7, 0]	28	10				13	10				13	10	
[0, 2, 3, 4, 7, 6, 1, 5, 8]	560	16				163	16				220	16	
[1, 5, 2, 4, 6, 8, 0, 7, 3]	40	10				23	10				20	10	
[7, 6, 1, 8, 3, 5, 2, 4, 0]	13326	24				1074	24				2322	24	
[2, 4, 3, 7, 8, 0, 5, 6, 1]	372	15				38	15				73	15	
[4, 0, 2, 7, 1, 3, 8, 5, 6]	22	9				28	9				12	9	
[1, 5, 2, 8, 3, 6, 0, 4, 7]	81	12				39	12				29	12	
[1, 8, 5, 0, 3, 2, 7, 4, 6]	5330	21				996	21				1338	21	
[0, 5, 7, 8, 2, 4, 1, 6, 3]	5624	22				315	22				576	22	
[7, 3, 6, 1, 5, 8, 2, 4, 0]	2627	20				529	22				612	20	
[0, 8, 7, 1, 2, 4, 5, 6, 3]	13028	24				503	24				2193	24	
[2, 7, 3, 1, 8, 5, 6, 0, 4]	682	17				221	21				161	17	
[2, 1, 5, 4, 3, 7, 8, 0, 6]	2421	19				102	19				546	19	
[8, 2, 0, 1, 5, 3, 4, 6, 7]	383	16				65	16				135	16	
[4, 1, 0, 2, 3, 8, 6, 7, 5]	2671	20				288	20				512	20	
[4, 7, 8, 6, 3, 2, 0, 1, 5]	12731	24				845	24				1820	24	
[2, 1, 8, 3, 0, 5, 7, 6, 4]	9433	22				1036	22				1640	22	
[1, 5, 2, 4, 3, 0, 7, 8, 6]	7	5				6	5				6	5	
[5, 7, 2, 1, 3, 0, 8, 4, 6]	134	13				31	13				27	13	
Total runtime of all 100 puzzles was 7.278 seconds						Total runtime of all 100 puzzles was 4.288 s			Total runtime of all 100 puzzles was 6.778 seconds				
Please refer to old tables for average runtimes													