		Number of actio	ns taken to find go	oal				
	H1	H2	H3	H4	H5	H6	Score	Branching Factor
World 1 (5x4)	4	4	4	4	4	4	95	1.967989671
World 2 (8x7)	5	5	5	5	5	5	93	2.111785765
World 3 (9x9)	7	7	7	7	7	7	92	2.128604751
World 4 (8x10)	6	6	6	6	6	6	89	2.482385979
World 5 (11x6)	7	7	7	7	7	7	87	2.768323652
		Number of expanded nodes						
	H1	H2	H3	H4	H5	H6	gain H1 & H2	gain H5 & H6
World 1 (5x4)	15	11	14	11	11	6	26.6666667	45.45454545
World 2 (8x7)	42	22	19	14	14	7	47.61904762	50
World 3 (9x9)	198	46	80	92	23	12	76.76767677	47.82608696
World 4 (8x10)	234	114	117	59	88	15	51.28205128	82.95454545
World 5 (11x6) H1, H2, H3, H4		518	397	128	236	15	58.42696629	93.6440678
H1, H2, H3, H4			397	128	236	15	58.42696629	93.6440678
H1, H2, H3, H4 H1 — H2	and H5		397	128	236	15	58.42696629	93.6440678
H1, H2, H3, H4 H1 — H2	and H5		397	128	236	15	58.42696629	93.6440678
H1, H2, H3, H4 H1 H2 1200	and H5 — H3 —				236 orld_2_(8x7)	World 1 (5x4)	58.42696629	93.6440678
H1, H2, H3, H4 H1 H2 1200 800 World 5 (11x6)	and H5 — H3 —	- H4 —— H5					58.42696629	93.6440678
H1, H2, H3, H4 H1 H2 1200 800 World 5 (11x6	and H5 H3	- H4 —— H5					58.42696629	93.6440678
H1, H2, H3, H4 H1 H2 1200 800 World 5 (11x6)	and H5 H3 World	- H4 —— H5					58.42696629	93.6440678

on the gcc compilie	er found on my ubu	ıntu machine.									
We found that the	a 14x12 world was	too big to comple	te in 10 seconds	so the random ge	enerator keeps the	e board between	3 and 12 c	ells for width			
and height.											
QUESTIONS:											
How do the 5 heur	istics vary in effecti	iveness?		For large boards	they are much m	nore effective. For	r smaller b	oards, the show little	e difference from oth	er heuristics	
How much gain is there to using any heuristic (#1 vs. #2)?			There is a pretty significant difference between using H1 and H2. Gain is listed above.								
Is #5 noticeably more effective than the other heuristics?			Yes. It is more noticable for larger boards with more expanded nodes.								
For heuristic #6: how does its solution quality compare with #5?			There are generally less expanded nodes with H6 than H5.								
Is it performing noticeably worse?				It expands less nodes and seems to find the same solution as the other heuristics for boards we've tried.							
How much more efficient is it?				Significantly more efficient. The gain is listed above.							