Experiment One									Default Variable value	es:	
ariable under test:			# of g	enerations t	o find solutio	n:			Population Size:	16	
Population Size	Pop Size	test1	te	est2	test3	test4	test5	Average:	Random Mutation Probability:	20%	
	4		388027	59745	141287	24869	1 42356	176021.2	Word Length	8	
	8		4297	172	991	198	1 8183	3124.8	Possible values per letter:	8	
	16 (default)		55	79	147	16	4 105	110			
	64		19	18	12	2	5 45	23.8	Default Fitness Function:		
	1024		7	7	5	1	3 0	7.4	Increments score linearly for each matching letter in word under test compared to optimal word		
									Mate Selection: Works as a raffle system: Each individual starts with a ticket, and gets an additional		
xperiment Two									ticket for each letter that is correct in their wor	-	
ariable under test:	# of generations to find solution:										
Word Length	Word Length	test1		est2	test3	test4 test5 Average:			Stopping Condition: Default condition is that	t an individual must be perfectly fit. He m	nust match our
	2	1	6	4	2		6 16		target string exactly.		
	4		79	15			7 48		- g		
	6		174	116	40						
	8 (default)		55	96	846						
	16		174880	44993	162035						
Experiment Three											
ariable under test:			# of g	enerations t	o find solutio	n:					
Mutation Probability	Mutation Chance	test1	te	est2	test3	test4	test5	Average:			
	10%		80	396	156	12	6 205	192.6			
	20% (default)		100	500	227	11	6 116	211.8			
	50%		413	156	15	16	3 145	178.4			
	80%		1211	232	159	6	4 918	516.8			
	100%		2044	382	188	131	2 2000	1185.2			
xperiment Four											
/ariable under test:	# of generations to find solution:										
Values Per Letter	Values Per Letter	test1		est2	test3	test4	test5	Average:			
	2		8	7	14	1	1 1	8.2			
	5		175	55							
	8 (default)		135	248	396	6	4 73	183.2			
	9		491	96	140	25	7 131	223			
	10		139	172	312	16	3 247	206.6			
xperiment Four											
ariable under test:					o find solutio						
Stopping Condition	# of Wrong Letters Allowed	test1	te	est2	test3	test4	test5	Average:			
(Fitness Benchmark)	6		1	1	0		1 1	0.8			
	4		9	5	7		4 5	6			
	2		17	38	94	2	8 44	44.2			
	1		34	77	106	11	6 149	96.4			
	0 (default)		83	71	166	18	0 175	135			