Input	Vertices	Edges	Density		Solve Time	Annealing Time	Greedy Time	Colors	Annealing Colors Greedy Color	S	
test_cases/21-2.txt	2	21	21	0.1		0.000426849			3		Runtime on 21 vertex graph
test_cases/21-2.txt	2	21	21	0.1		0.000303799			3		Solve Annealing Greedy
test_cases/21-2.txt	2	21	21	0.1		0.000318344			3		
test_cases/21-2.txt	2	21	21	0.1		0.000242103			3		10
est_cases/21-2.txt	2	21	21	0.1		0.000246237			4		
est_cases/21-2.txt		21	21	0.1		0.000419592			3		1
est cases/21-2.txt	2	21	21	0.1		0.000372809			3		
est_cases/21-2.txt		21	21	0.1		0.000252835			3		© 0.1 gg 0.01
est_cases/21-2.txt		21	21	0.1		0.000232886			4		<u> </u>
est_cases/21-2.txt		21	21	0.1		0.000243686			3		
		21	21	0.1		0.000239075	0.000235525		3	2	Ē 0.001
est_cases/21-2.txt					0.005.05		0.000235525)	2	2	
est_cases/21-2.txt		21	21	0.1	2.39E-05						0.0001
est_cases/21-3.txt		21		0.1476190476		0.000298173			4		
est_cases/21-3.txt		21		0.1476190476		0.000280667			4		0.1 0.2 0.3 0.4 0.5 0.6 0.7
est_cases/21-3.txt		21		0.1476190476		0.000269725			4		
est_cases/21-3.txt		21		0.1476190476		0.000321516			5		Graph Density
est_cases/21-3.txt		21		0.1476190476		0.000309799			4		
est_cases/21-3.txt		21		0.1476190476		0.000282304			4		
est_cases/21-3.txt		21		0.1476190476		0.00027976			4		
est_cases/21-3.txt		21		0.1476190476		0.000278117			4		Correctness on 21 vertex graph
est_cases/21-3.txt		21	31	0.1476190476		0.00029126			4		
est_cases/21-3.txt	2	21	31 (0.1476190476		0.00028845			4		Solve Annealing Greedy
est_cases/21-3.txt	2	21	31	0.1476190476			0.000287668	3		4	12
est_cases/21-3.txt	2	21	31	0.1476190476	2.82E-05				3		
est_cases/21-4.txt	2	21	42	0.2		0.000365119			6		10
est_cases/21-4.txt		21	42	0.2		0.000320271			5		8
est_cases/21-4.txt	2	21	42	0.2		0.000348582			5		
est_cases/21-4.txt		21	42	0.2		0.000361418			5		§ 6 • • • • • • • • • • • • • • • • • •
est_cases/21-4.txt		21	42	0.2		0.000377611			5		
est_cases/21-4.txt		21	42	0.2		0.000334995			6		8 4 • • • •
est_cases/21-4.txt		21	42	0.2		0.000334995			5		
est_cases/21-4.txt		21	42	0.2		0.000450865			5		2
est_cases/21-4.txt		21	42	0.2		0.000339636			4		0
est_cases/21-4.txt		21	42	0.2		0.000332000			4		0.1 0.2 0.3 0.4 0.5 0.6 0.7
est_cases/21-4.txt		21	42	0.2		0.000332007	0.000484987	,	4	4	Count Descrit.
est_cases/21-4.txt		21	42	0.2	4.53E-05		0.000464987		3	-	Graph Density
					4.53E-05						
est_cases/21-5.txt		21		0.2476190476		0.00039735			5		
est_cases/21-5.txt		21		0.2476190476		0.00042509			5		
est_cases/21-5.txt		21		0.2476190476		0.000386131			5		
est_cases/21-5.txt		21		0.2476190476		0.000374515			5		
est_cases/21-5.txt		21		0.2476190476		0.000390443			6		
est_cases/21-5.txt		21		0.2476190476		0.000408182			5		Runtime on complete graph
est_cases/21-5.txt		21		0.2476190476		0.000402006			4		Solve Annealing Greedy
est_cases/21-5.txt		21		0.2476190476		0.000362865			5		- Trindaing - Glody
est_cases/21-5.txt	2	21	52	0.2476190476		0.000622733			6		1000
est_cases/21-5.txt	2	21		0.2476190476		0.000537702			4		•
est_cases/21-5.txt	2	21	52	0.2476190476			0.000150025	5		4	
est_cases/21-5.txt	2	21	52	0.2476190476	0.002155981				4		10
est_cases/21-6.txt	2	21	63	0.3		0.000779251			6		
est_cases/21-6.txt		21	63	0.3		0.000416762			6		© 0.1
est_cases/21-6.txt	2	21	63	0.3		0.000911274			6		- E v.,
est_cases/21-6.txt		21	63	0.3		0.001223826			6		
st_cases/21-6.txt		21	63	0.3		0.000466732			7		0.001
st_cases/21-6.txt		21	63	0.3		0.000641647			6		
st_cases/21-6.txt		21	63	0.3		0.000041047			6		
est_cases/21-6.txt		21	63	0.3		0.000972707			6		5 10 50 100
est_cases/21-6.txt est_cases/21-6.txt		21	63	0.3		0.000445662			5		Vertices
											valuces
est_cases/21-6.txt		21	63	0.3		0.000473321	0.000.		6	_	
est_cases/21-6.txt		21	63	0.3			0.000176757	1		5	
est_cases/21-6.txt		21	63	0.3	0.005823564				4		
est_cases/21-7.txt		21		0.3476190476		0.000472942			7		
est_cases/21-7.txt		21	73	0.3476190476		0.00048302			6		

test_cases/21-7.txt	21	73	0.3476190476	0.000675019		6											
test_cases/21-7.txt	21	73	0.3476190476	0.000488381		7											
test_cases/21-7.txt	21	73	0.3476190476	0.001103288		7											
test_cases/21-7.txt	21	73	0.3476190476	0.001145189		8											
test_cases/21-7.txt	21	73	0.3476190476	0.000989141		8		Runtime	on com	nloto	aranh						
test_cases/21-7.txt	21	73	0.3476190476	0.000492332		6		Runtine	OII COIII	hiere	grapri						
test_cases/21-7.txt	21	73	0.3476190476	0.000466675		7					Solve 🛑	Annealing	Gree	dy			
test_cases/21-7.txt	21	73	0.3476190476	0.000485079		6									_		
test_cases/21-7.txt	21	73	0.3476190476	0.000401785			6	1000 -									+
test_cases/21-7.txt	21	73	0.3476190476 0.027024955		4									•			
test_cases/21-8.txt	21	84	0.4	0.000501341		7		10 -					•				
test_cases/21-8.txt	21	84	0.4	0.000532543		6		10 -									
test_cases/21-8.txt	21	84	0.4	0.000815357		8		(S)					Ĭ				
test_cases/21-8.txt	21	84	0.4	0.000535251		7		(s) 0.1 -				•					+
test_cases/21-8.txt	21	84	0.4	0.000496948		6		F				•					
test_cases/21-8.txt	21	84	0.4	0.000598212		6		0.001 -			•						1
test_cases/21-8.txt	21	84	0.4	0.00053625		7		0.001		. 1				•	• •	•	#
test_cases/21-8.txt	21	84	0.4	0.001529958		6				I	•	Ĭ	•		•		
test_cases/21-8.txt	21	84	0.4	0.000500577		7		•	4	6		8	10	12	14		16
test_cases/21-8.txt	21	84	0.4	0.000902162		6			*	0		0	10	12	14		10
test_cases/21-8.txt	21	84	0.4	0.000181404		0	6					Verti	ces				
test_cases/21-8.txt	21	84	0.4 0.009534646	0.000131404	5		0										
test_cases/21-9.txt	21	94	0.4476190476	0.000780442	3	8											
	21	94		0.000780442		7											
test_cases/21-9.txt	21		0.4476190476 0.4476190476	0.000562866		7											
test_cases/21-9.txt		94															
test_cases/21-9.txt	21	94	0.4476190476	0.000531623		7											
test_cases/21-9.txt	21	94	0.4476190476	0.000529431		8											
test_cases/21-9.txt	21	94	0.4476190476	0.00053109		7											
test_cases/21-9.txt	21	94	0.4476190476	0.000537396		8											
test_cases/21-9.txt	21	94	0.4476190476	0.000647705		8											
test_cases/21-9.txt	21	94	0.4476190476	0.000530531		8											
test_cases/21-9.txt	21	94	0.4476190476	0.001184668		7											
test_cases/21-9.txt	21	94	0.4476190476	0.00017856			6										
test_cases/21-9.txt	21	94	0.4476190476 0.431597217		6												
test_cases/21-10.txt	21	105	0.5	0.000832298		9											
test_cases/21-10.txt	21	105	0.5	0.000998877		9											
test_cases/21-10.txt	21	105	0.5	0.000570247		7											
test_cases/21-10.txt	21	105	0.5	0.000650437		7											
test_cases/21-10.txt	21	105	0.5	0.000566758		8											
test_cases/21-10.txt	21	105	0.5	0.000661955		8											
test_cases/21-10.txt	21	105	0.5	0.0005829		8											
test_cases/21-10.txt	21	105	0.5	0.000962513		6											
test_cases/21-10.txt	21	105	0.5	0.000599443		8											
test_cases/21-10.txt	21	105	0.5	0.001408809		8											
test_cases/21-10.txt	21	105	0.5	0.000311483			8										
test_cases/21-10.txt	21	105	0.5 0.046356912		6												
test_cases/21-11.txt	21	115	0.5476190476	0.000630296		8											
test_cases/21-11.txt	21	115	0.5476190476	0.000635997		8											
test_cases/21-11.txt	21	115	0.5476190476	0.000801688		8											
test_cases/21-11.txt	21	115	0.5476190476	0.000625833		9											
test_cases/21-11.txt	21	115	0.5476190476	0.000640635		8											
test_cases/21-11.txt	21	115	0.5476190476	0.000587371		8											
test_cases/21-11.txt	21	115	0.5476190476	0.000626811		9											
test_cases/21-11.txt	21	115	0.5476190476	0.000598641		8											
test_cases/21-11.txt	21	115	0.5476190476	0.000538641		8											
test_cases/21-11.txt	21	115	0.5476190476	0.000601882		8											
	21	115	0.5476190476	0.000601882		8	7										
test_cases/21-11.txt				0.000913959			7										
test_cases/21-11.txt	21	115	0.5476190476 0.064019282	0.000705570	6												
test_cases/21-12.txt	21	126	0.6	0.000705576		11											
test_cases/21-12.txt	21	126	0.6	0.000683487		8											
test_cases/21-12.txt	21	126	0.6	0.000715645		10											
test_cases/21-12.txt	21	126	0.6	0.000737639		9											
test_cases/21-12.txt	21	126	0.6	0.000679231		10											

test_cases/21-12.txt	21	126	0.6	0.000720589		10					
test_cases/21-12.txt	21	126	0.6	0.000677768		10					
test_cases/21-12.txt	21	126	0.6	0.000703923		9					
test_cases/21-12.txt	21	126	0.6	0.000733911		9					
test_cases/21-12.txt	21	126	0.6	0.000646674		9					
test_cases/21-12.txt	21	126	0.6	0.000329451			9				
test_cases/21-12.txt	21	126	0.6 11.69875289		7						
test_cases/21-13.txt	21	136	0.6476190476	0.000717375		10					
test_cases/21-13.txt	21	136	0.6476190476	0.000743448		10					
test_cases/21-13.txt	21	136	0.6476190476	0.000688814		10					
test_cases/21-13.txt	21	136	0.6476190476	0.000723834		10					
test_cases/21-13.txt	21	136	0.6476190476	0.000723834		9					
	21	136	0.6476190476	0.00009333		10					
test_cases/21-13.txt											
test_cases/21-13.txt	21	136	0.6476190476	0.000702559		10					
test_cases/21-13.txt	21	136	0.6476190476	0.000722837		10					
test_cases/21-13.txt	21	136	0.6476190476	0.000726952		12					
test_cases/21-13.txt	21	136	0.6476190476	0.000748199		10					
test_cases/21-13.txt	21	136	0.6476190476	0.000232413			9				
test_cases/21-13.txt	21	136	0.6476190476 0.0629697		7						
test_cases/21-14.txt	21	147	0.7	0.000788384		10					
test_cases/21-14.txt	21	147	0.7	0.000738815		10					
test_cases/21-14.txt	21	147	0.7	0.000767768		11					
test_cases/21-14.txt	21	147	0.7	0.000711305		8					
test_cases/21-14.txt	21	147	0.7	0.000769418		9					
test_cases/21-14.txt	21	147	0.7	0.000741196		12					
test_cases/21-14.txt	21	147	0.7	0.000762932		10					
test_cases/21-14.txt	21	147	0.7	0.000776464		9					
test_cases/21-14.txt	21	147	0.7	0.000773244		9					
test_cases/21-14.txt	21	147	0.7	0.000773244		10					
test_cases/21-14.txt	21	147	0.7	0.000392785		10	8				
					7		0				
test_cases/21-14.txt	21	147	0.7 1.515468164		/						
test_cases/21-15.txt	21	157	0.7476190476	0.00079472		10					
test_cases/21-15.txt	21	157	0.7476190476	0.000781859		11					
test_cases/21-15.txt	21	157	0.7476190476	0.000801098		9					
test_cases/21-15.txt	21	157	0.7476190476	0.001211013		11					
test_cases/21-15.txt	21	157	0.7476190476	0.000820521		10					
test_cases/21-15.txt	21	157	0.7476190476	0.00081513		10					
test_cases/21-15.txt	21	157	0.7476190476	0.000913611		10					
test_cases/21-15.txt	21	157	0.7476190476	0.000834983		10					
test_cases/21-15.txt	21	157	0.7476190476	0.000808874		10					
test_cases/21-15.txt	21	157	0.7476190476	0.000762936		10					
test_cases/21-15.txt	21	157	0.7476190476	0.000700123			10				
test_cases/21-15.txt	21	157	0.7476190476 2.129136877		8						
test_cases/greedy_fail.txt	6	7	0.4666666667	0.000167029	3						
test_cases/greedy_fail.txt	6	7	0.4666666667	0.000399541	4						
test_cases/greedy_fail.txt	6	7	0.4666666667	0.000167037	3						
test_cases/greedy_fail.txt	6	7	0.4666666667	0.000186753	3						
test_cases/greedy_fail.txt	6	7	0.4666666667	0.000239076	4						
test_cases/greedy_fail.txt	6	7	0.4666666667	0.000171148	3						
test_cases/greedy_fail.txt	6	7	0.4666666667	0.000248858	3						
test_cases/greedy_fail.txt	6	7	0.4666666667	0.000248838	3						
test_cases/greedy_fail.txt	6	7	0.4666666667	0.000202888	4						
	6	7		0.000189387	3						
test_cases/greedy_fail.txt	6	7	0.4666666667								
test_cases/greedy_fail.txt	-		0.4666666667	3.68E-05							
test_cases/greedy_fail.txt	6	7	0.4666666667 1.52E-05		3						
test_cases/k-3.txt	3	3	1	0.000138092	3						
test_cases/k-3.txt	3	3	1	0.000215972	3						
test_cases/k-3.txt	3	3	1	0.000140236	3						
test_cases/k-3.txt	3	3	1	0.000194457	3						
test_cases/k-3.txt	3	3	1	0.000154803	3						
test_cases/k-3.txt	3	3	1	0.000143982	3						
test_cases/k-3.txt	3	3	1	0.000178718	3						

11		0		0.000445405					
test_cases/k-3.txt	3	3	1	0.000145435	3				
test_cases/k-3.txt	3	3	1	0.0002219	3				
test_cases/k-3.txt	3	3	1	1.63E-05	3				
test_cases/k-3.txt	3	3	1 1.18E-05		3				
test_cases/k-4.txt	4	6	1	0.000284201	4				
test_cases/k-4.txt	4	6	1	0.000149015	4				
test_cases/k-4.txt	4	6	1	0.000258427	4				
test_cases/k-4.txt	4	6	1	0.000308149	. 4				
test_cases/k-4.txt	4	6	1		4				
_				0.000158238					
test_cases/k-4.txt	4	6	1	0.000166498	4				
test_cases/k-4.txt	4	6	1	0.000256919	4				
test_cases/k-4.txt	4	6	1	0.000157447	4				
test_cases/k-4.txt	4	6	1	0.000147242	4				
test_cases/k-4.txt	4	6	1	0.000153019	4				
test_cases/k-4.txt	4	6	1	2.11E-05	4				
test_cases/k-4.txt	4	6	1 2.36E-05		4				
test_cases/k-5.txt	5	10	1	0.000166519	5				
test_cases/k-5.txt	5	10	1	0.000172165	5				
test_cases/k-5.txt	5	10	1	0.000172103	5				
_	5	10	1		5				
test_cases/k-5.txt				0.000176052					
test_cases/k-5.txt	5	10	1	0.000173953	5				
test_cases/k-5.txt	5	10	1	0.000171702	5				
test_cases/k-5.txt	5	10	1	0.000165632	5				
test_cases/k-5.txt	5	10	1	0.000171308	5				
test_cases/k-5.txt	5	10	1	0.00017437	5				
test_cases/k-5.txt	5	10	1	0.000174988	5				
test_cases/k-5.txt	5	10	1	3.08E-05	5				
test_cases/k-5.txt	5	10	1 7.97E-05		5				
test_cases/k-6.txt	6	15	1	0.000207182	6				
test_cases/k-6.txt	6	15	1	0.000257162	6				
_									
test_cases/k-6.txt	6	15	1	0.000187196	6				
test_cases/k-6.txt	6	15	1	0.000212557	6				
test_cases/k-6.txt	6	15	1	0.000190274	6				
test_cases/k-6.txt	6	15	1	0.000190645	6				
test_cases/k-6.txt	6	15	1	0.00019699	6				
test_cases/k-6.txt	6	15	1	0.000192548	6				
test_cases/k-6.txt	6	15	1	0.000374022	6				
test_cases/k-6.txt	6	15	1	0.000586099	6				
test_cases/k-6.txt	6	15	1	3.08E-05	6				
test_cases/k-6.txt	6	15	1 0.00035477		6				
test_cases/k-7.txt	7	21	1	0.000218993	7				
test_cases/k-7.txt	7	21	1	0.000210555	7				
	7	21	1	0.000332579					
test_cases/k-7.txt					7				
test_cases/k-7.txt	7	21	1	0.000203037	7				
test_cases/k-7.txt	7	21	1	0.000217968	7				
test_cases/k-7.txt	7	21	1	0.00020709	7				
test_cases/k-7.txt	7	21	1	0.00020472	7				
test_cases/k-7.txt	7	21	1	0.000208415	7				
test_cases/k-7.txt	7	21	1	0.000220464	7				
test_cases/k-7.txt	7	21	1	0.000348721	7				
test_cases/k-7.txt	7	21	1	3.28E-05	7				
test_cases/k-7.txt	7	21	1 0.002890436		7				
test_cases/k-8.txt	8	28	1	0.000175677					
test_cases/k-8.txt	8	28	1	0.000175677	8				
_									
test_cases/k-8.txt	8	28	1	0.000230108	8				
test_cases/k-8.txt	8	28	1	0.000168011	8				
test_cases/k-8.txt	8	28	1	0.000167174	8				
test_cases/k-8.txt	8	28	1	0.000217231	8				
test_cases/k-8.txt	8	28	1	0.000373277	8				
test_cases/k-8.txt	8	28	1	0.000360102	8				
test_cases/k-8.txt	8	28	1	0.000358463	8				
test_cases/k-8.txt	8	28	1	0.000169068	8				
test_cases/k-8.txt	8	28	1	6.17E-05	8				
toot_cascs/n-o.txt	0	20	'	0.17E-05					

test_cases/k-8.txt	8	28	1 0.021643619			8			
test_cases/k-9.txt	9	36	1	0.000210464		9			
test_cases/k-9.txt	9	36	1	0.000280999		9			
test_cases/k-9.txt	9	36	1	0.000229667		9			
test_cases/k-9.txt	9	36	1	0.000210665		9			
test_cases/k-9.txt	9	36	1	0.000200864		9			
test_cases/k-9.txt	9	36	1	0.000334692		9			
test_cases/k-9.txt	9	36	1	0.000264011		9			
test_cases/k-9.txt	9	36	1	0.000212777		9			
test_cases/k-9.txt	9	36	1	0.000362783		9			
test_cases/k-9.txt	9	36	1	0.00040881		9			
test_cases/k-9.txt	9	36	1	5.31E-05		9			
test_cases/k-9.txt	9	36	1 0.177256125	0.012-00		9			
		45		0.00074004					
test_cases/k-10.txt	10		1	0.00074864	1				
test_cases/k-10.txt	10	45	1	0.000235633		0			
test_cases/k-10.txt	10	45	1	0.000282669		0			
test_cases/k-10.txt	10	45	1	0.000292351	1	0			
test_cases/k-10.txt	10	45	1	0.000235485	1	0			
test_cases/k-10.txt	10	45	1	0.000247016	1	0			
test_cases/k-10.txt	10	45	1	0.000231011		0			
test_cases/k-10.txt	10	45	1	0.000264932		0			
		45	1			0			
test_cases/k-10.txt	10			0.000235144					
test_cases/k-10.txt	10	45	1	0.000239239		0			
test_cases/k-10.txt	10	45	1	6.76E-05		0			
test_cases/k-10.txt	10	45	1 1.880996887		1	0			
test_cases/k-11.txt	11	55	1	0.00031465	1	1			
test_cases/k-11.txt	11	55	1	0.00028153		1			
test_cases/k-11.txt	11	55	1	0.000274027		1			
test_cases/k-11.txt	11	55	1	0.000275784		1			
			1						
test_cases/k-11.txt	11	55		0.000276803		1			
test_cases/k-11.txt	11	55	1	0.000499272	1	1			
test_cases/k-11.txt	11	55	1	0.000276955	1	1			
test_cases/k-11.txt	11	55	1	0.000272689	1	1			
test_cases/k-11.txt	11	55	1	0.000262864	1	1			
test_cases/k-11.txt	11	55	1	0.000264531	1	1			
test_cases/k-11.txt	11	55	1	0.000113964	1	1			
test_cases/k-11.txt	11	55	1 22.3668257			1			
_	12	66	1	0.000310714		2			
test_cases/k-12.txt									
test_cases/k-12.txt	12	66	1	0.000326973		2			
test_cases/k-12.txt	12	66	1	0.000359755		2			
test_cases/k-12.txt	12	66	1	0.000321517		2			
test_cases/k-12.txt	12	66	1	0.000325286	1	2			
test_cases/k-12.txt	12	66	1	0.000321683	1	2			
test_cases/k-12.txt	12	66	1	0.000352386	1	2			
test_cases/k-12.txt	12	66	1	0.000312041		2			
test_cases/k-12.txt	12	66	1	0.000312041		2			
	12	66				2			
test_cases/k-12.txt			1	0.000317878					
test_cases/k-12.txt	12	66	1	0.000219249		2			
test_cases/k-12.txt	12	66	1 272.6869478			2			
test_cases/k-13.txt	13	78	1	0.000361742		3			
test_cases/k-13.txt	13	78	1	0.000383952	1	3			
test_cases/k-13.txt	13	78	1	0.000371697	1	3			
test_cases/k-13.txt	13	78	1	0.000382659		3			
test_cases/k-13.txt	13	78	1	0.000360842		3			
_									
test_cases/k-13.txt	13	78	1	0.000406351		3			
test_cases/k-13.txt	13	78	1	0.000371503		3			
test_cases/k-13.txt	13	78	1	0.000452843		3			
test_cases/k-13.txt	13	78	1	0.00062494	1	3			
toot//- 40 tot	13	78	1	0.000367529	1	3			
test_cases/k-13.txt						3			
	13	78	1	(),()()(129102					
test_cases/k-13.txt	13	78 78		0.000129102					
test_cases/k-13.txt test_cases/k-13.txt	13	78	1 3734.149392		1	3			
test_cases/k-13.txt				0.000129102 0.000494661 0.00076868	1 1				

test_cases/k-14.txt	14	91	1	0.000447468		14				
test_cases/k-14.txt	14	91	1	0.000608879		14				
test_cases/k-14.txt	14	91	1	0.000412044		14				
test_cases/k-14.txt	14	91	1	0.000421167		14				
test_cases/k-14.txt	14	91	1	0.00046746		14				
test_cases/k-14.txt	14	91	1	0.000433961		14				
test_cases/k-14.txt	14	91	1	0.000571812		14				
test_cases/k-14.txt	14	91	1	0.00063145		14				
test_cases/k-14.txt	14	91	1		0.000407994	14				
test_cases/k-15.txt	15	105	1	0.000499673		15				
test_cases/k-15.txt	15	105	1	0.000588138		15				
test_cases/k-15.txt	15	105	1	0.000478451		15				
test_cases/k-15.txt	15	105	1	0.000449129		15				
test_cases/k-15.txt	15	105	1	0.000660835		15				
test_cases/k-15.txt	15	105	1	0.000463585		15				
test_cases/k-15.txt	15	105	1	0.000546104		15				
test_cases/k-15.txt	15	105	1	0.000499174		15				
test_cases/k-15.txt	15	105	1	0.000649574		15				
test_cases/k-15.txt	15	105	1	0.000467076		15				
test_cases/k-15.txt	15	105	1		0.000296233	15				
test_cases/k-16.txt	16	120	1	0.000715295		16				
test_cases/k-16.txt	16	120	1	0.000556362		16				
test_cases/k-16.txt	16	120	1	0.000929396		16				
test_cases/k-16.txt	16	120	1	0.000736452		16				
test_cases/k-16.txt	16	120	1	0.000525221		16				
test_cases/k-16.txt	16	120	1	0.001055475		16				
test_cases/k-16.txt	16	120	1	0.000820228		16				
test_cases/k-16.txt	16	120	1	0.000568603		16				
test_cases/k-16.txt	16	120	1	0.00057188		16				
test_cases/k-16.txt	16	120	1	0.000991927		16				
test_cases/k-16.txt	16	120	1		0.000294378	16				
test_cases/k-256.txt	256	32640	1	1.188885864	0.000201010	256				
test_cases/k-256.txt	256	32640	1	1.191565724		256				
test_cases/k-256.txt	256	32640	1	1.196169895		256				
test_cases/k-256.txt	256	32640	1	1.196456794		256				
test_cases/k-256.txt	256	32640	1	1.196180781		256				
test_cases/k-256.txt	256	32640	1	1.190491448		256				
test_cases/k-256.txt	256	32640	1	1.182916881		256				
test_cases/k-256.txt	256	32640	1	1.198520292		256				
test_cases/k-256.txt	256	32640	1	1.187019055		256				
test_cases/k-256.txt	256	32640	1	1.192495434		256				
test_cases/tiny.txt	3	2	0.6666666667	0.000133183		2				
test_cases/tiny.txt	3	2	0.6666666667	0.000141147		2				
test_cases/tiny.txt	3	2	0.6666666667	0.000141147		2				
test_cases/tiny.txt	3	2	0.6666666667	0.000125435		2				
test_cases/tiny.txt	3	2	0.6666666667	0.000136316		2				
test_cases/tiny.txt	3	2	0.6666666667	0.000141046		2				
test_cases/tiny.txt	3	2	0.6666666667	0.000137243		2				
test_cases/tiny.txt	3	2	0.6666666667	0.000136624		3				
test_cases/tiny.txt	3	2	0.6666666667	0.00014130		3				
test_cases/tiny.txt	3	2	0.6666666667	0.000139737		2				
test_cases/tiny.txt	3	2	0.6666666667	0.000134950	2.27E-05	2				
		2			2.21 E-05	2				
test_cases/tiny.txt	3	2	0.6666666667 9.53E-06			2				