

**2017 Georgia Tech High School Mathematics Competition**

**April 15**

The exam consists of free response, cipher, and proof portions. The free response consists of 20 questions. The cipher consists of 10 questions. The team score is computed from the free response and cipher scores. The scores are normalized to 100. The top 4 cipher scores on the team are added to 3 times the top 4 free response scores on the team, for a total possible score of 1600. To break any ties, we add to this the fractional average of all team members' individual scores. Team members' individual scores are computed as cipher plus 3 times free response out of 400.

The proof portion consists of 5 questions graded out of 10. To break any ties, the tiebreaker is considered out of 5/10. To further break ties, the individual score is added as a fraction of 4000.

ID	Free Response	Free Ranking	Cipher	Cipher Ranking	Proof	Proof Ranking	Team Score	Team Rank
10041	13	9	7	9	22.56625	21	805.47	6
10042	9	37	6	21	12.04875	44		
10013	10	28	6	21	16.0525	38		
10014	7	53	3	107				
10015	7	53	3	107				
10141	3	126	2	147			300.17	33
10132	6	62	4	67				
10123	3	126	4	67				
10124	2	177	2	147				
10115			1	195				
10221			0	239			195.105	49
10222	1	220	0	239				
10223	1	220	2	147				
10214	3	126	0	239				
10215	5	78	4	67				
10341			0	239			0	73
10342	0	270	0	239				
10323	0	270	0	239				
11041	4	101	2	147			490.2525	17
11042	4	101	5	43				
11043	6	62	3	107				
11044	8	42	6	21	16.045	39		
11035	1	220	0	239				
11131	0	270	0	239			70.035	67
11132	1	220	0	239				
11133	1	220	4	67				
11114	0	270	0	239				
11115	0	270	0	239				
11211	0	270	0	239			0	74
12041	4	101	4	67			305.1525	32
12042	2	177	0	239				
12043	2	177	3	107				
12044	0	270	1	195				
12045	5	78	3	107				
12141	0	270	0	239			75.0375	65
12142			0	239				
12143			1	195				
12144	2	177	2	147				
12145	1	220	0	239				
13041	15	3	9	1	39.07875	3	945.49	3
13042	11	19	9	1	0.06375	53		
13043	1	220	2	147				
13034	6	62	4	67	0.0325	56		
13025	11	19	8	3	7.06125	50		
13141	2	177	6	21			625.3575	12
13142	11	19	7	9				
13143	2	177	6	21				
13144	6	62	6	21				
13145	6	62	6	21	3.0375	52		
13241	3	126	2	147			430.2425	20
13232	8	42	5	43	0.0425	55		
13233	4	101	6	21				
13224	3	126	3	107				
13245	3	126	1	195				
13341	2	177	4	67			320.2	29
13332	2	177	4	67				
13333	2	177	2	147				
13314	6	62	4	67				
14041	9	37	7	9			985.59	2
14042	17	1	8	3	40.58375	1		
14043	10	28	6	21	28.4525	13		
14034	10	28	6	21				
14015	10	28	7	9	21.055	24		
14131	2	177	4	67			330.1725	28
14132	3	126	3	107				
14133	3	126	4	67				
14134	4	101	4	67				
14125	1	220	0	239				
14211	1	220	2	147			170.10625	51
14212	4	101	5	43				
14213			0	239				
14214	1	220	1	195				
15031			0	239			90.0525	64
15032	1	220	2	147				
15033	1	220	1	195				
15034	2	177	0	239				
15025	1	220	0	239				
15131			0	239			15.0075	72
15132	1	220	0	239				
15123	0	270	0	239				
15124			0	239				
15125			0	239				
15231			0	239			0	75
15222			0	239				
15223			0	239				
15214			0	239				
15215			0	239				
16041			0	239			0	76
17031	2	177	3	107			135.1125	58
17022	1	220	0	239				
17023	2	177	3	107				
17141			0	239			105.065625	62
17132	4	101	0	239				
17123			0	239				
17124	3	126	0	239				
18041	3	126	2	147			235.125	43
18042	1	220	0	239				
18033	1	220	0	239				
18034	1	220	2	147				
18025	6	62	3	107	0.03	57		
18141	11	19	8	3	18.06125	31	785.42	8
18142	7	53	7	9				
18143	3	126	1	195				
18124	10	28	7	9	13.055	43		
18125	7	53	4	67	16.03625	40		
19001	13	9	6	21	19.06375	30	455.56875	19
19002	10	28	5	43	28.05	14		
20031	3	126	3	107			275.1425	37
20032	0	270	2	147				
20033	4	101	5	43				
20024	3	126	1	195				
20015	1	220	1	195				
20141	1	220	0	239			15.0375	71
21041	5	78	5	43			125.3125	60
22141	4	101	3	107			250.1475	40
22142	5	78	2	147				
22143	3	126	0	239				
22134	3	126	2	147				
22231			0	239			155.0775	53
22222	2	177	2	147				
22213	0	270	1	195				
22214	2	177	0	239				
22215	3	126	2	147				
22311	1	220	0	239			215.115	45
22312	2	177	1	195				
22313	4	101	4	67				
22314	1	220	2	147				
22315	2	177	1	195				
22441	12	16	4	67	18.055	32	900.5075	4
22442	14	6	5	43	27.065	18		
22443	5	78	4	67				
22424	11	19	6	21	14.05625	42		
22425	9	37	6	21	18.04875	34		
23001			0	239			0	77
23002			0	239				
23003			0	239				
23004			0	239				
23005			0	239				
23101			0	239			0	78
23102			0	239				
23103			0	239				
23104			0	239				
23105			0	239				
24021			0	239			0	79
24022			0	239				
24023			0	239				
24024			0	239				
24111	4	101	1	195			70.175	66
25041	10	28	7	9	18.055	33	750.3825	10
25032	17	1	7	9	28.58125	12		
25023	5	78	5	43				
25024	4	101	2	147				
25025	1	220	0	239				
25121	3	126	1	195			120.1	61
25122	3	126	1	195				
25113	0	270	1	195				
26041	11	19	6	21	33.55625	4	545.285	14
26042	5	78	1	195				
26033	3	126	4	67				
26034	1	220	3	107				
26015	6	62	4	67	4.0325	51		
26121	7	53	4	67	11.03625	47	495.27	16
26122	9	37	4	67	0.04375	54		
26113	3	126	3	107				
26114	4	101	3	107				
26115	1	220	4	67				
26241			0	239			235.14	42
26232			0	239				
26233	5	78	4	67				
26224	6	62	2	147	9.0275	49		
26225	3	126	1	195				
26321	2	177	0	239			140.1166667	56
26312	3	126	2	147				
26313	3	126	0	239				
30031	3	126	3	107			260.145	39
30032	2	177	0	239				
30023	3	126	2	147				
30014	2	177	0	239				
30005	4	101	3	107				
30111	1	220	2	147			35.0875	68
31031	3	126	5	43			155.0775	54
31032	0	270	0	239				
31033	0	270	0	239				
31024	3	126	0	239				
31015	1	220	0	239				
32041	3	126	1	195			420.23	21
32042	3	126	2	147				
32033	8	42	3	107				
32024	6	62	3	107				
32025	2	177	4	67				
32141	4	101	1	195			205.1175	47
32142	2	177	1	195				
32123	3	126	2	147				
32124	2	177	0	23				