The Mathematical Association of America - American Mathematics Competitions

2007 AMC10 A/B CONTEST SCORE DISTRIBUTIONS

Score Distribution 10 A & B

10A Cumulative # Students	Percent	10A-5,6	10A-7	10A-8	10A-9	10a-10	10A-?	10A-?	10A-M	10A-F	10A	score	10B	10B-M	10B-F	10B-?	10B-5,6	10B-7	10B-8	10B-9	10B-10	10B-?	10B Cumulative # Students	Percent
		# Students / Grade, 10A						Gender				Score		Gender			# Students / Grade, 10B							
		5,6	7	8	9	10	?	?	M	F	10A		10B	M	F	?	5,6	7	8	9	10	?		
47	0.07		1	9	17	18	2	5	36	6	47	150.0	15	13	2				4	8	3		15	0.04
47	0.07										0	148.5	0										15	0.04
47	0.07										0	147.0	0										15	0.04
65	0.10		1	6	7	3	1	1	14	3	18	145.5	3	3							3		18	0.05
148	0.22	4	2	12	28	35	2	4	69	10	83	144.0	43	30	3	10	1	2	6	10	15	9	61	0.18
148	0.22										0	142.5	0										61	0.18
169	0.25			4	5	12		1	14	6	21	141.0	7	5		2		1		3	2	1	68	0.20
200	0.29		2	3	12	12	2	5	21	5	31	139.5	10	9		1		1	3	1	4	1	78	0.22
297	0.44	1	4	20	23	45	4	7	76	14	97	138.0	37	27	1	9		3	5	8	14	7	115	0.33
305	0.45			1	5	2			5	3	8	136.5	10	6	2	2				6	3	1	125	0.36
356	0.52			3	16	31	1	3	37	11	51	135.0	29	16	7	6	1		4	11	7	6	154	0.44
406	0.60			4	14	31	1	3	33	14	50	133.5	29	20	3	6		1	5	11	7	5	183	0.53
525	0.77	2	3	21	29	60	4	6	94	19	119	132.0	95	58	14	23		3	9	22	40	21	278	0.80
593	0.87	1	1	6	18	38	4	12	44	12	68	130.5	32	15	8	9		2	3	5	13	9	310	0.89
664	0.98		2	6	20	40	3	6	47	18	71	129.0	35	19	3	13		2	3	7	12	11	345	0.99
767	1.13	1	3	9	35	48	7	11	71	21	103	127.5	52	30	6	16	1	3	7	9	16	16	397	1.14
922	1.35	2	7	21	43	78	4	11	112	32	155	126.0	154	92	22	40	1	6	17	33	59	38	551	1.58
1,012	1.49		2	13	24	49	2	3	67	20	90	124.5	54	30	9	15		1	9	6	23	15	605	1.74
1,129	1.66		3	18	28	64	4	7	85	25	117	123.0	64	35	13	16	1	4	4	15	26	14	669	1.92
1,268	1.86	1	4	12	41	77	4	7	99	33	139	121.5	90	56	14	20	1	5	13	17	35	19	759	2.18
1,474	2.16		6	31	48	116	5	18	152	36	206	120.0	174	104	18	52	2	8	15	35	68	46	933	2.68
1,592	2.34		8	10	28	69	3	10	75	33	118	118.5	84	49	10	25	1	4	11	13	34	21	1,017	2.92
1,765	2.59	1	5	19	40	103	5	17	114	42	173	117.0	122	60	30	32	1	3	7	19	63	29	1,139	3.27
1,918	2.82	2	3	14	33	95	6	15	103	35	153	115.5	110	57	28	25	3	1	12	26	46	22	1,249	3.59
2,177	3.20	6	9	26	63	144	11	20	185	54	259	114.0	228	136	34	58	3	5	17	48	101	54	1,477	4.24
2,339	3.43	1	4	13	40	98	6	9	104	49	162	112.5	117	68	17	32	2	2	10	29	46	28	1,594	4.58
2,545	3.74	3	7	13	43	136	4	15	137	54	206	111.0	155	82	31	42	1	4	18	37	63	32	1,749	5.03
2,741	4.02	2	1	25	61	101	6	16	127	53	196	109.5	180	88	39	53	1	3	14	32	87	43	1,929	5.54
3,022	4.44	4	7	35	61	162	12	25	179	77	281	108.0	265	140	39	86	3	6	24	40	117	75	2,194	6.30
3,232	4.75	1	5	20	50	125	9	16	131	63	210	106.5	170	91	37	42	1	8	12	40	75	34	2,364	6.79
3,489	5.12	3	8	22	48	169	7	24	167	66	257	105.0	199	107	41	51	1	9	8	38	95	48	2,563	7.36
3,779	5.55	1	10	19	69	180	11	36	181	73	290	103.5	206	103	45	58		4	16	46	93	47	2,769	7.96
4,198	6.16	1	12	42	92	260	12	42	256	121	419	102.0	332	165	69	98	1	6	19	57	163	86	3,101	8.91
4,460	6.55	4	4	16	60	165	13	29	166	67	262	100.5	200	114	40	46	2	7	13	48	87	43	3,301	9.48
4,829	7.09	2	9	41	86	218	13	44	231	94	369	99.0	270	133	66	71	3	6	14	61	127	59	3,571	10.26
5,196	7.63	3	8	39	88	205	24	59	215	93	367	97.5	262	129	58	75	5	6	13	59	119	60	3,833	11.01
5,724	8.41	2	7	30	110	357	22	59	313	156	528	96.0	420	201	102	117	5	5	25	87	197	101	4,253	12.22
6,065	8.91	3	12	28	85	195	18	51	193	97	341	94.5	282	131	70	81	2	6	21	56	126	71	4,535	13.03
6,461	9.49	1	13	23	108	239	12	37	235	124	396	93.0	280	137	76	67	5	8	6	63	145	53	4,815	13.84
6,872	10.09	5	6	40	115	221	24	44	247	120	411	91.5	347	172	100	75	2	8	15	83	176	63	5,162	14.83
7,477	10.98	2	20	41	156	356	30	84	361	160	605	90.0	491	253	121	117	2	7	21	127	244	90	5,653	16.24
7,898	11.60	4	11	28	107	256	15	49	249	123	421	88.5	380	194	103	83	1	10	13	104	187	65	6,033	17.33
8,342	12.25	3	8	22	133	256	22	67	248	129	444	87.0	352	188	99	65	3	10	16	80	195	48	6,385	18.35
8,863	13.01	3	5	36	148	300	29	79	294	148	521	85.5	417	209	122	86	3	11	21	111	208	63	6,802	19.54
9,546	14.02	2	8	37	195	401	40	94	409	180	683	84.0	589	290	182	117	2	8	30	156	299	94	7,391	21.24
10,073	14.79	3	10	39	150	302	23	66	304	157	527	82.5	440	219	139	82	1	9	21	118	232	59	7,831	22.50
10,676	15.68	6	6	39	159	365	28	89	323	191	603	81.0	485	229	167	89	1	14	18	141	248	63	8,316	23.89
11,330	16.64	5	6	36	211	359	37	107	352	195	654	79.5	576	325	171	80	7	13	29	159	320	48	8,892	25.55
12,237	17.97	6	16	60	247	524	54	122	519	266	907	78.0	702	367	227	108	12	7	32	226	343	82	9,594	27.57
12,964	19.04	5	10	34	230	408	40	118	386	223	727	76.5	582	270	220	92	5	6	27	188	304	52	10,176	29.24
13,775	20.23	4	15	42	250	447	53	139	420	252	811	75.0	645	317	223	105	4	8	20	219	337	57	10,821	31.09
14,645	21.50	5	12	57	279	459	58	134	461	275	870	73.5	737	364	270	103	3	12	24	248	380	70	11,558	33.21
15,831	23.25	6	19	67	372	641	81	179	625	382	1,186	72.0	968	483	363	122	1	13	33	341	501	79	12,526	35.99
16,728	24.56	2	7	45	277	512	54	126	451	320	897	70.5	741	338	298	105	6	7	24	257	390	57	13,267	38.12
17,759	26.08	2	9	39	353	567	61	157	540	334	1,031	69.0	847	407	340	100	4	10	26	333	411	63	14,114	40.55
18,941	27.81	1	13	57	408	631	72	187	604	391	1,182	67.5	947	464	352	131	3	14	28	371	459	72	15,061	43.28
20,365	29.90	3	11	62	510	738	100	223	747	454	1,424	66.0	1,111	544	432	135	8	12	43	420	555	73	16,172	46.47
21,662	31.81	7	10	51	456	701	72	204	653	440	1,297	64.5	910	441	362	107	5	9	33	369	427	67	17,082	49.08
23,104	33.93	5	9	55	519	758	96	210	733	499	1,442	63.0	1,003	450	438	115	6	12	41	396	486	62	18,085	51.96
24,596	36.12	10	15	47	523	800	97	216	733	543	1,492	61.5	949	425	426	98	3	8	29	403	461	45	19,034	54.69
26,519	38.94	5	23	63	700	1,007	125	281	943	699	1,923	60.0	1,313	595	555	163	8	13	42	579	596	75	20,347	58.46
28,119	41.29	5	10	50	575	851	109	248	712	640	1,600	58.5	948	432	418	98	5	9	28	412	441	53	21,295	61.19
29,831	43.80	5	17	56	640	894	100	253	814	645	1,712	57.0	1,011	431	474	106	5	5	17	447	475	62	22,306	64.09
31,759	46.64	11	19	46	766	969	117	254	912	762	1,928	55.5	1,034	440	483	111	8	10	24	460	469	63	23,340	67.06
34,156	50.15	10	14	90	942	1,161	180	378	1,108	911	2,397	54.0	1,228	527	539	162	6	8	41	526	567	80	24,568	70.59
36,151	53.08	7	10	52	779	1,008	139	316	888	791	1,995	52.5	925	391	439	95	3	6	20	400	456	40	25,493	73.25
38,190	56.08	6	11	62	852	982	126	304	889	846	2,039	51.0	829	322	429	78	5	4	32	367	384	37	26,322	75.63
40,419	59.35	4	20	67	871	1,126	141	305	964	960	2,229	49.5	837	353	394	90	1	8	21	347	411	49	27,159	78.04
43,208	63.45	3	19	72	1,157	1,379	159	421	1,220	1,148	2,789	48.0	1,083	458	513	112	3	10	38	499	473	60	28,242	81.15
45,306	66.53	5	13	63	844	1,047	126	301	875	922	2,098	46.5	743	266	391	86	2	1	27	334	342	37	28,985	83.28
47,434	69.65	3	13	63	903	998	148	311	845	972	2,128	45.0	637	246	326	65	2	3	11	301	282	38	29,622	85.11
49,693	72.97	2	16	59	943	1,065	174	339	916	1,004	2,259	43.5	653	242	342	69	2	4	18	291	304	34	30,275	86.99
52,362	76.89	8	22	77	1,118	1,250	194	394	1,077	1,198	2,669	42.0	861	358	411	92	3	8	21	395	388	46	31,136	89.46
54,287	79.72	2	15	41	824	912	131	277	687	961	1,925	40.5	440	149	235	56		5	9	184	216	26	31,576	90.73
56,138	82.43	4	13	51	788	867	128	264	682	905	1,851	39.0	414	132	244	38	3		7	183	200	21	31,990	91.92
58,011	85.18	3	11	42	793	856	168	323	675	875	1,873	37.5	516	166	226	124	3	7	16	188	215	87	32,506	93.40
60,097	88.25		20	58	928	940	140	295	800	991	2,086	36.0	565	197	308	60	1	7	18	263	246	30	33,071	95.02
61,458	90.25	3	14	31	601	635	77	187	484	690	1,361	34.5	308	91	181	36		1	6	129	151	21	33,379	95.91
62,600	91.92	1	4	27	522	519	69	164	384	594	1,142	33.0	240	80	141	19	1	4	2	124	94	15	33,619	96.60
63,616	93.41	2	7	23	446	466	72	142	330	544	1,016	31.5	203	70	110	23		2	7	98	86	10	33,822	97.18
64,875	95.26	3	6	34	562	567	87	187	446	626	1,259	30.0	311	137	134	40	1	1	7	131	146	25	34,133	98.07
65,490	96.17		4	13	277	292	29	85	196	334	615	28.5	119	42	71	6	1		2	58	55	3	34,252	98.42
66,042	96.98	1	3	11	252	243	42	74	160	318	552	27.0	90	30	48	12			1	44	37	8	34,342	98.68
66,481	97.62		2	11	192	209	25	53	145	241	439	25.5	80	23	45	12			2	35	34	9	34,422	98.91
67,110	98.54	2	3	19	304	262	39	80	239	310	629	24.0	157	56	78	23			1	71	72	13	34,579	99.36
67,311	98.84	1	1	5	94	89	11	24	56	121	201	22.5	41	12	26	3			1	23	14	3	34,620	99.47
67,455	99.05		1	4	66	61	12	13	53	78	144	21.0	35	13	19	3		1	1	14	18	1	34,655	99.57
67,596	99.26			2	70	56	13	18	58	65	141	19.5	30	11	18	1		1		19	9	1	34,685	99.66
67,866	99.65	3	3	10	116	118	20	36	103	131	270	18.0	52	25	21	6				30	18	4	34,737	99.81
67,922	99.74	1		2	24	23	6	11	13	32	56	16.5	14	8	4	2				9	4	1	34,751	99.85
67,954	99.78			2	14	13	3	4	8	20	32	15.0	11	4	7					3	8		34,762	99.88
67,976	99.82			2	13	5	2	3	4	15	22	13.5	5	4	1					3	2		34,767	99.90
68,051	99.93			4	33	34	4	13	28	34	75	12.0	23	7	13	3		2		12	7	2	34,790	99.96
68,059	99.94			1	5	2			3	5	8	10.5	1		1					1			34,791	99.97
68,067	99.95				6	2			1	7	8	9.0	2		2					1	1		34,793	99.97
68,076	99.96			1	3	4	1	1	4	4	9	7.5	1		1						1		34,794	99.97
68,097	99.99				11	8	2	4	8	9	21	6.0	7	3	4				1	3	3		34,801	99.99
68,098	100.00					1				1	1	4.5	0										34,801	99.99
68,098	100.00										0	3.0	0										34,801	99.99
68,098	100.00										0	1.5	0										34,801	99.99
68,101	100.00				1	2			1	2	3	0	2	1	1					1	1		34,803	100.00
		241	713	2,782	25,411	34,705	4,249	9,691	31,578	26,832	68,101		34,803	15,830	13,765	5,208	193	463	1,332	12,841	16,523	3,451		