

Percentiles for the Forty-Sixth
Michigan Mathematics Prize Competition
 Part I, October 9, 2002

SCORE >=	GRADE 6		GRADE 7		GRADE 8		GRADE 9		GRADE 10		GRADE 11		GRADE 12		unreported		TOTAL	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
40	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
39	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	2	100.00	0	100.00	2	100.00
38	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	3	99.95	1	100.00	4	99.98
37	0	100.00	0	100.00	0	100.00	0	100.00	1	100.00	0	100.00	4	99.93	2	99.89	7	99.97
36	0	100.00	0	100.00	0	100.00	0	100.00	1	99.96	0	100.00	5	99.91	2	99.78	8	99.94
35	0	100.00	0	100.00	0	100.00	0	100.00	1	99.96	1	100.00	7	99.88	2	99.78	11	99.94
34	0	100.00	0	100.00	0	100.00	0	100.00	1	99.96	2	99.97	9	99.84	2	99.78	14	99.91
33	0	100.00	0	100.00	0	100.00	0	100.00	1	99.96	5	99.95	14	99.79	2	99.78	22	99.89
32	0	100.00	0	100.00	0	100.00	1	100.00	2	99.96	7	99.87	22	99.68	2	99.78	34	99.82
31	0	100.00	0	100.00	1	100.00	2	99.91	4	99.91	10	99.81	25	99.49	2	99.78	44	99.73
30	0	100.00	0	100.00	1	99.09	2	99.82	6	99.82	13	99.73	36	99.42	4	99.78	62	99.65
29	0	100.00	0	100.00	1	99.09	4	99.82	8	99.74	25	99.66	51	99.17	4	99.56	93	99.50
28	0	100.00	0	100.00	2	99.09	6	99.63	12	99.65	31	99.34	67	98.82	5	99.56	123	99.26
27	0	100.00	0	100.00	2	98.18	10	99.45	14	99.47	39	99.18	81	98.45	12	99.45	158	99.02
26	1	100.00	0	100.00	2	98.18	16	99.08	17	99.38	52	98.97	112	98.13	14	98.69	214	98.74
25	1	88.89	1	100.00	4	98.18	19	98.52	28	99.25	72	98.62	155	97.41	17	98.47	297	98.29
24	1	88.89	2	97.73	5	96.36	22	98.25	40	98.77	105	98.09	228	96.41	20	98.14	423	97.63
23	1	88.89	3	95.45	7	95.45	32	97.97	59	98.24	139	97.21	291	94.72	26	97.82	558	96.62
22	1	88.89	3	93.18	11	93.64	40	97.05	78	97.40	186	96.31	390	93.27	39	97.16	748	95.54
21	1	88.89	4	93.18	12	90.00	50	96.31	105	96.57	233	95.07	513	90.97	51	95.74	969	94.03
20	1	88.89	4	90.91	14	89.09	55	95.39	135	95.38	312	93.82	646	88.13	70	94.43	1237	92.26
19	1	88.89	7	90.91	18	87.27	72	94.93	186	94.06	435	91.72	814	85.05	97	92.36	1630	90.12
18	2	88.89	9	84.09	21	83.64	102	93.36	247	91.81	556	88.46	1008	81.16	132	89.41	2077	86.98
17	3	77.78	10	79.55	23	80.91	132	90.59	329	89.12	744	85.25	1242	76.67	160	85.59	2643	83.42
16	3	66.67	13	77.27	30	79.09	158	87.82	444	85.51	957	80.26	1525	71.26	211	82.53	3341	78.90
15	4	66.67	16	70.45	38	72.73	219	85.42	567	80.45	1209	74.61	1849	64.71	266	76.97	4168	73.32
14	4	55.56	19	63.64	49	65.45	285	79.80	730	75.03	1482	67.92	2189	57.21	344	70.96	5102	66.72
13	4	55.56	22	56.82	57	55.45	354	73.71	923	67.86	1815	60.68	2525	49.34	430	62.45	6130	59.26
12	4	55.56	29	50.00	68	48.18	448	67.34	1138	59.36	2167	51.84	2897	41.56	518	53.06	7269	51.05
11	5	55.56	33	34.09	76	38.18	547	58.67	1363	49.89	2518	42.50	3196	32.96	610	43.45	8348	41.96
10	7	44.44	34	25.00	83	30.91	662	49.54	1588	39.98	2859	33.19	3492	26.04	691	33.41	9416	33.34
9	9	22.22	38	22.73	94	24.55	782	38.93	1816	30.07	3139	24.14	3746	19.19	763	24.56	10387	24.82
8	9	0.00	39	13.64	100	14.55	897	27.86	1985	20.04	3365	16.72	3975	13.31	821	16.70	11191	17.06
7	9	0.00	42	11.36	105	9.09	979	17.25	2117	12.59	3555	10.72	4121	8.01	866	10.37	11794	10.64
6	9	0.00	42	4.55	108	4.55	1027	9.69	2204	6.78	3662	5.68	4219	4.63	892	5.46	12163	5.83
5	9	0.00	42	4.55	108	1.82	1057	5.26	2243	2.95	3712	2.84	4278	2.36	906	2.62	12355	2.88
4	9	0.00	43	4.55	109	1.82	1072	2.49	2262	1.23	3744	1.51	4308	1.00	913	1.09	12460	1.35
3	9	0.00	44	2.27	109	0.91	1076	1.11	2271	0.40	3765	0.66	4315	0.30	915	0.33	12504	0.51
2	9	0.00	44	0.00	110	0.91	1080	0.74	2271	0.00	3766	0.11	4318	0.14	915	0.11	12513	0.16
1	9	0.00	44	0.00	110	0.00	1084	0.37	2271	0.00	3767	0.08	4319	0.07	915	0.11	12519	0.09
0	9	0.00	44	0.00	110	0.00	1084	0.00	2271	0.00	3769	0.05	4321	0.05	916	0.11	12524	0.04

Example: An eleventh grade student scoring 15 points on Part I performed as well as or better than 74.61% of the eleventh grade participants and as well as or better than 73.32% of all participants.