

Percentiles for the Forty-Fifth  
**Michigan Mathematics Prize Competition**  
 Part I, October 10, 2001

score	grade < 8	grade 8	grade 9	grade 10	grade 11	grade 12	all	cumul
40	100.00	100.00	100.00	100.00	100.00	100.00	100.00	1
39	100.00	100.00	100.00	100.00	99.98	100.00	99.99	3
38	100.00	100.00	100.00	100.00	99.98	99.96	99.98	6
37	100.00	100.00	100.00	100.00	99.96	99.92	99.96	11
36	100.00	100.00	100.00	100.00	99.94	99.84	99.92	20
35	100.00	100.00	100.00	99.92	99.86	99.78	99.86	27
34	100.00	100.00	100.00	99.88	99.85	99.68	99.81	40
33	100.00	100.00	100.00	99.88	99.79	99.48	99.72	55
32	100.00	100.00	99.92	99.84	99.69	99.32	99.61	78
31	100.00	100.00	99.92	99.64	99.61	99.04	99.45	113
30	100.00	98.89	99.76	99.53	99.46	98.63	99.20	153
29	100.00	98.89	99.67	99.37	99.23	98.17	98.91	215
28	100.00	96.67	99.43	99.13	98.84	97.55	98.48	301
27	100.00	94.44	98.94	98.89	98.32	96.66	97.87	392
26	97.56	93.33	98.70	98.54	97.68	95.78	97.22	538
25	95.12	91.11	98.21	97.87	96.76	94.35	96.18	742
24	90.24	88.89	97.89	97.08	95.62	92.02	94.74	997
23	90.24	88.89	97.15	95.66	94.00	89.51	92.93	1307
22	90.24	87.78	95.93	94.35	92.05	86.33	90.73	1685
21	90.24	84.44	94.47	92.34	89.48	82.89	88.05	2159
20	82.93	82.22	91.87	89.93	86.03	78.97	84.69	2707
19	75.61	80.00	88.86	86.37	82.56	74.27	80.80	3396
18	75.61	71.11	85.93	81.91	77.45	68.96	75.92	4253
17	63.41	66.67	81.95	76.34	71.21	62.29	69.84	5186
16	58.54	63.33	76.18	70.26	64.46	55.26	63.22	6243
15	56.10	56.67	69.43	63.19	56.61	47.68	55.73	7361
14	51.22	48.89	61.30	55.53	48.47	39.86	47.80	8575
13	36.59	36.67	53.66	45.81	39.59	31.96	39.19	9755
12	24.39	27.78	43.41	36.30	31.56	24.32	30.82	10896
11	14.63	23.33	33.01	26.50	23.54	17.53	22.73	11905
10	7.32	21.11	24.07	18.48	15.86	11.70	15.57	12709
9	4.88	10.00	16.34	11.61	9.86	7.46	9.87	13302
8	4.88	4.44	8.54	6.83	5.73	4.34	5.67	13691
7	0.00	1.11	4.23	3.32	3.03	2.31	2.91	13897
6	0.00	0.00	2.36	1.46	1.49	1.21	1.45	14010
5	0.00	0.00	0.81	0.47	0.75	0.60	0.65	14065
4	0.00	0.00	0.24	0.08	0.25	0.36	0.26	14085
3	0.00	0.00	0.16	0.00	0.08	0.20	0.11	14094
2	0.00	0.00	0.00	0.00	0.04	0.10	0.05	14095
1	0.00	0.00	0.00	0.00	0.04	0.08	0.04	14097
0	0.00	0.00	0.00	0.00	0.02	0.06	0.03	14101
number	41	90	1230	2532	5183	5025	14101	

Example: An eleventh grade student scoring 15 points on Part 1 performed as well as or better than 56.61% of the eleventh grade participants and as well as or better than 55.73% of all participants.