

USA IMO TST 2021 Solutions

United States of America — IMO Team Selection Test

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62th IMO 2021 Russia

The Romanian Masters of Mathematics (RMM) was originally scheduled in February and is normally used as a USA team selection test. Since the RMM was postponed due to the COVID-19 pandemic, a single three-problem test was used instead for team selection testing in February. The statistics for that one exam are listed here.

§1 Summary of scores for TST 2021

N	27	1st Q	7	Max	21
μ	10.15	Median	7	Top 3	16
σ	4.30	3rd Q	13	Top 6	14

§2 Problem statistics for TST 2021

	P1	P2	P3
0	0	20	17
1	0	2	1
2	0	0	1
3	0	0	0
4	0	0	2
5	0	0	1
6	1	0	2
7	26	5	3
Avg	6.96	1.37	1.81

§3 Rankings for TST 2021

Sc	Num	Cu	Per	Sc	Num	Cu	Per	Sc	Num	Cu	Per
21	2	2	7.41%	14	2	6	22.22%	7	13	26	96.30%
20	0	2	7.41%	13	2	8	29.63%	6	1	27	100.00%
19	0	2	7.41%	12	1	9	33.33%	5	0	27	100.00%
18	0	2	7.41%	11	2	11	40.74%	4	0	27	100.00%
17	0	2	7.41%	10	0	11	40.74%	3	0	27	100.00%
16	1	3	11.11%	9	0	11	40.74%	2	0	27	100.00%
15	1	4	14.81%	8	2	13	48.15%	1	0	27	100.00%
								0	0	27	100.00%

§4 Histogram for TST 2021