Timestamp	Score	Reddit username	Discord username (not re...	Question 1	Question 2	Question 3	Question 4	Question 5	Question 6	Question 7	Question 8	Question 9	Question 10	Question 11	Question 12	In your opinion, how diffic... / any other feedback or comments?
4/20/2024 3:10:02	12 / 12	MrQwer9es		83	0		2025	63/256	2^2022	1/e		9 10^8		880 1/2	(1+sqrt(5))/2	21	3 I'd say the last few were closer to easy putnam difficulty tbh
4/20/2024 16:44:30	12 / 12	AKSRandom		83	0		2025	63/256	2^(2022)	1/e		9 10^8		880 1/2	(1+sqrt(5))/2	21	8
4/21/2024 0:05:19	12 / 12	vspf	___hyacinth	83	0		2025	63/256	2^2022	1/e		9	100000000	880 1/2	(sqrt(5)+1)/2	21	8 please do this again, i felt an orgasmic pleasure each time i solved a problem
4/21/2024 3:50:44	12 / 12	Formerly Walter-White-Se	Formerly BenTheJamMan	83	0		2025	63/256	2^(2022)	e^-1		9 10^8		880	0.5 (1+sqrt(5))/2 (otherwise kn	21	6 It was fun thanks. Would have liked a google drive or a place to upload photographic proof of my work to show my workings and thoughts. Pay your rent! dms
4/21/2024 4:40:48	12 / 12	Genius3435	ritwin	83	0		2025	63/256	2^2022	1/e		9	100000000	880 1/2	(1+sqrt(5))/2	21	7 i just hope i didn't silly anything
4/21/2024 9:41:23	12 / 12	yudodattome		83	0		2025	63/256	2^2022	1/e		9	100000000	880 1/2	(1+sqrt(5))/2	21	10 please add geometry next time
4/21/2024 17:01:39	12 / 12	Leet_Noob		83	0		2025	63/256	2^(2022)	1/e		9 10^8		880 1/2	(1 + sqrt(5))/2	21	7 Thanks for doing this! It was fun
4/21/2024 23:01:09	12 / 12	Traditional_Cap7461	dyuan01	83	0		2025	63/256	2^2022	1/e		9	100000000	880 1/2	(1+sqrt(5))/2	21	Are we supposed to know the number of trees with 10 distinct vertices? I've taken math competitions for 10+ years and have never come across a problem that needed to do that. Any... 3 Btw, ChatGPT counts as an aid, right?
4/20/2024 2:23:15	11 / 12	zongshu	zswu	83	0		2024	63/256	2^2022	1/e		9	100000000	880 1/2	(1+sqrt(5))/2	21	5 This is no way a Late Putnam difficulty, the last problem is a simple roots of unity filter (actually just a + - filter) which is well-known to math olympiad people
4/20/2024 19:31:41	11 / 12	flagellaVagueness	flagellumVagueness	83	0		2025	63/256	2^2022	1/e		8 10^8		880 1/2	(1+sqrt(5))/2, aka the gold	21	5 Problem #11 is absolute genius. I would very much like to see an official solution for that one in particular. #12 was the most fun to solve, although I think phrasing the answer in terms o
4/21/2024 23:00:13	11 / 12	Deathranger999		83	0		2025	63/256	2^2022	1/e		4 10^8		880 1/2	(sqrt(5) + 1)/2	21	6 Really really fun, please do this again!
4/21/2024 6:08:42	10 / 12	DueMap5093		83	0		2025	63/256	2^2022	1-1/e		9	100000000	880 1/2	(1+sqrt(5))/2	33	7
4/21/2024 11:46:54	10 / 12	u/NeutralBlaster		85	0		2025	63/256	2^2022	1/e		9 10^8		880	0.5	1	21	8
4/21/2024 14:36:28	10 / 12	suola-makkara		83	0		2025	63/256	2^2022	1/e		8 10^8		880		(1+sqrt(5))/2	21	8
4/21/2024 21:00:42	10 / 12	b1rb_boi		83	0		2025	63/256	2^2022	1/e		9 10^8		880 1/2	(1+sqrt(5))/2	21	8 sata andagi (idk how to do putnam level problems so I put 8)
4/20/2024 12:09:25	9 / 12	pm_me_meltie_tears		83	0		2024	63/256	2^(2022)	1/e		2	215553195	880 1/2	(1 + sqrt(5))/2	21	7 Nice problems! Problem 8 was especially nice (hope I got it right haha!). Maybe allow an extra comment field with the answers to give approach taken, in case there are arithmetic errors
4/21/2024 10:07:45	9 / 12	u/Emotional-Camel-5517	_antidisestablishmentaria	83	0		2025	63/256	2^2022	1/e		8	1814400	2023 1/2	Golden ratio	21	9 I really enjoyed problem 7
4/21/2024 13:09:10	9 / 12	DrainZ-	drainz	83	0		2025	27/256	2^2022	1/e		9	100000000	2023 1/2	phi	21	8 Also, Chisato and Takina should totally fuck
4/21/2024 14:17:02	9 / 12	u/loveelectroglant		83	0		2025	63/256	2^2022	1/e		9 idk	idk	1/2	φ		8 Really solid problems with quality comparable to late AIME/putnam. Also I have a feeling question 2 is 0 because it makes sense, but I'd love to see a rigorous argument as to why we co
4/21/2024 15:36:13	9 / 12	u/Altruistic_Climate50	bot224032	83	0		2025	63/256	2^2022	1/e		1	100000000	880	0 (1+sqrt(5))/2	2*10000000000	8
4/21/2024 18:12:56	9 / 12	Promachos04	promachos.	83	0		2025	63/256	2^2022	1/e		4 10^8		880 1/2		2	8 Most of the answers for the later questions are more educated guesses than actual proofs so Id say it was pretty difficult, also I really liked questions 7 and 10 :)
4/20/2024 21:37:57	8 / 12	u/Narwhal_Assassin	anilopa	83	0		2024	1/32	2^2022	1/e		1	100000000	880		(1+sqrt(5))/2	21	7
4/21/2024 6:07:50	8 / 12	anilopa		83	0		2025	63/256	2^2022	1/e		10^10		880	1/2	2		7
4/21/2024 12:31:17	8 / 12	u/pao_de_braga		83	0		2024	63/256	2^(2022)	1/e		9 10^8		480 1/2		2 *10^(10)		8 It would be better to do this during summer. Also, having a precise date scheduled at least 1 month before the contest would be great.
4/21/2024 13:28:36	8 / 12	Old-Organization7997	vladi_chan	83			2025	0.375 2^2022		1/e		1	10!/2	880 1/2		1	21	4 It was very nice, I enjoyed it, but most questions were not close to putnam lvl IMO. I am in a math olympiad team and I am not even sent to IMO and it wasn't that hard.
4/21/2024 14:17:42	8 / 12	TheMe__		83	0		2025	63/256	2^2022	1/e		1	100000000	880	0 1/3	1	11	8
4/21/2024 18:14:31	8 / 12	u/Yesimnot_	yes.nt	83	2^k(2^k+1)		2025	27/256	2^2022	1/e		2 10^8		880 1/2	(1+sqrt(5))/2	22	8
4/21/2024 23:12:22	8 / 12	fetchdog21		83	1 -2/2*k		2025	63/256	2^2022	1/e		1 10^8		880	6	100	8	8
4/20/2024 9:23:47	7 / 12	Paz_Zombie	paz_zombie	1	0		2025	63/256	2^2022		0	9	764	880 1/2		2	3	7 That was pretty fun. Thank you! I cheated a fair amount with code :) (and expect at least 1 off-by-one error). I have my solutions written up and can upload and share the link (after the e
4/21/2024 13:36:24	7 / 12	goddess_steffi_graf		83	0		2025	63/256	2^2022	1/e			880	1/2	4	hug hug hug hug
4/21/2024 16:58:23	7 / 12	Pale-Possession2189		83	0		2025	63/256	2^2022	1/e		420 10^8		2023	1 Undefined	8	8
4/21/2024 19:51:29	7 / 12	u/alaseleilliaa	_astar	83	0		2025	63/256	2^2022	1/e		2	45C9 is the upper bound,	880	0 diverge	I somehow got R(k) not de	10 First, I think more clear rules on what is or isn't allowed could be helpful. "online calculators and aids" is kind of vague - I wasn't sure if I was allowed to research theorems from online co
4/20/2024 20:02:58	7 / 12	u/Unusual_Silver_9758		86	0		6071	63/256	2^2022	1/e		9	36288	880 1/2		21	8 Overall, the contest was very fun. I'm fairly inexperienced when it comes to math contests, and the ones I do participate in have many people. As such, this was a new experience for m
4/21/2024 23:05:00	7 / 12	Fi_Stickie_Boi	fieryicesticke	83	0		2024	63/256	2^2023	-1/e		31 10^8		2023 1/2	(1+sqrt(5))/2	21	8
4/20/2024 11:47:56	6 / 12	xenitane_dsk_tpp		83			2049298		2^2022	1/e		9	1814400	1144	0 (1+sqrt(5))/2	21	8 great questions, i wish my skills for probability were better
4/20/2024 21:07:15	6 / 12	u/ConfidentDimension87	captainchicky	83 1/2*k			1	63/256	481560916771156684801	1/e		12	21	420 1/2	(1+sqrt(5))/2	21	This problem set was genuinely both difficult and the troll problem (cough 1 cough 6) you put on there were quite interesting lol good job :) 3 I postponed a date /w someone from saturday to sunday just so i can grind this problem set, debatable if it was worth it or not lmao
4/21/2024 8:49:21	6 / 12	kirbologist	kirbologist	86	0		2025	63/2*9	2^2023 - 1	exp(-1)		8 10^8		880	0.5		6 83*2*9 is a simplification of (10 choose 5)/2^11 for question 4
4/21/2024 13:52:31	6 / 12	VeqfurIlamma	jzsuzsy	83	0		2025	63/256	2^2022		1 10^8				2023		7 I think 48 hours is reasonable for a contest like this, but I was also busy with other work. Maybe next time I can solve more :)
4/21/2024 14:11:50	6 / 12	u/Educational-Tea602		1	0		2025	63/256	2^2022	1/e		32 10^8				1	1	9 Google en passant
4/21/2024 14:32:54	6 / 12	Baka_kunn		83	0		2025	63/256	2^2022	1/e		3	3628800	2023 1/pi^2	phi	10^2024	8 I really needed more time for this! The problems were really fun and had pretty clean solutions overall. Especially the last ones were very hard for me. I'd love to get solutions posted on
4/21/2024 14:39:19	6 / 12	u/SpirantSum2		83	0		2024	231/1024	2^2022		1	100000000 who knows, bro	1/2	who knows, bro	who knows, bro	7
4/21/2024 15:01:41	6 / 12	asfasdfadsad		83	0		2024	231/1024	2^2022		1	100000000 who knows, bro	1/2	who knows, bro	who knows, bro	7
4/20/2024 9:13:12	5 / 12	AdvantageOk8511	ronush	83	0		2023	9/512	2^2022	1/e		2 -1/12	π^2/6	ceil(e)-floor(π)	φ	i	7 Jump in difficulty from 6 to 7 and on was pretty large lol. Only reason I was able to solve question 11 was because it was remarkably similar to a question I saw on some obscure math co
4/20/2024 12:09:04	5 / 12	u/Anarchy-Architect		83	1		2025	63/256	2^2022	1/e		1	10!/2		2023		69	8 very fun but tough
4/20/2024 18:14:29	5 / 12	boium	boium.	83	0		2025	0.5	2^2022	1/e		9			2023	1	1	69	8 Good questions. I couldn't do them all, but they are quite fun :)
4/21/2024 14:06:15	5 / 12	EooOndra		83	0		2025	0.246			9						6 Number 2 makes my brain hurt, but I think I got it right
4/21/2024 19:41:02	5 / 12	u/Prior-Activity-6368		83	0		2025	63/512	2^2022	1/e		9						8 This was fun, thanks for making it!
4/21/2024 22:29:29	5 / 12	Goncalerta		83	0		2025	63/256	4089484	1/e			362880					7 Run out of time
4/20/2024 12:31:15	4 / 12	lifeissoupiamforke	orangesandjuice	83	1984		1984	0.246	2^2022	1/e		1984	1984 gd reference	1984	1984	1984	10 i hate maths
4/20/2024 15:04:10	4 / 12	sanskrit		83	0		2025	0.2^(2022)			0	0	0	0	0	0	9
4/20/2024 20:13:24	4 / 12	u/titanthemoon_		83 1-(1/2)*k		4047	5469375674576759625/11	2^2022	1/e		1	1	1	0 (1+sqrt(5))/2	20	8
4/21/2024 0:34:28	4 / 12	u/Positive7864		83	0		2025	63/256	2^2022	1/e				2023	0		8 I was really confused about all the Lycoris Recoil thing. Other than that, each problem were really a delight.
4/21/2024 4:16:59	4 / 12	jazz1t		83	0		4048	10!/5!/5!/(2*10) = 0.2460	2^2022		0	31	9	1	0	1	7	8
4/21/2024 14:08:00	4 / 12	u/intergalactic_cookie		83	1		2024	63/256	2^2022		1						8
4/21/2024 15:42:10	4 / 12	lachim314		83			2024	63/256	2^2022		1						8
4/21/2024 16:47:06	4 / 12	lizwiz13		83			2024	481560916771156684801	1/e				100000000	880			8 Thank you for this contest, had a lot of fun! Also the problem 12 is peak fiction (I have the solution but this form is too narrow to write it).
4/21/2024 17:37:06	4 / 12	Vijayanagar	quizknock	83	0		2024	10C5/2*10	2^2022	1/e		2-2/e	8				10 eh just want to see if I was right for Q7
4/21/2024 20:31:24	4 / 12	sceptera	sceptera	83 0%		2025	63/256	sum as n goes from 0 to 11	1/e		1					9 ran out of time, good problems tho
4/20/2024 11:02:48	3 / 12	suzuyext	suzubreadman	83 >:		[0, 1, 2, 3, ..., 2023, 4047]	63/256	2^2023								8 This and any question I didn't answer was cause I straight up have never heard of it nor have any idea. I haven't even started university so my difficulty rating is irrelevant
4/20/2024 13:25:42	3 / 12	u/Monsmer		1790 0%		2024	63/256	2^2022	1/e		9						10
4/20/2024 23:09:52	3 / 12	u/BoiledLiverDefense		1	0.75		2024	63/256	2^2022	-1/e		?	1814400	2024 ?	?	?	?	10
4/20/2024 14:20:06	3 / 12	u/DefaultNamesAreWeird	balanco	3441 31/32		8191129	63/256	2^2023	1/e		5	362880	1012	1	1	7 Great questions, lycoros recoil questions were especially difficult, wouldve given 10 bout I was actually able to solve some questions
4/21/2024 15:41:44	3 / 12	MovingUpTheLadder		83			2025		2024		Too stupid to understand	The number of generators	Too lazy to even try	I hate group theory	Refer to the answer of qui	My English so bad I don't	7 Question 8 turned my brain into goo oozing through my ears
4/21/2024 21:22:45	3 / 12	u/MrSuperStarfox		83	0			2^2022	1/e^*2								8 I really liked looking at the problems. Very enjoyable and well explained.
4/21/2024 22:25:21	3 / 12	Cyclops_Chicken		83 N/A		2024	63/256	(2^2022)-1	N/A	N/A		5120 N/A	N/A	N/A	N/A	N/A	8 No
4/21/2024 22:54:03	3 / 12	TheLeastInfod		83	0		4048	63/256	2^2022		1	31	252	10 1/2	sqrt(2)	69	9 Too much combo
4/21/2024 23:11:29	3 / 12	u/theFixIsIn_		83			2025	63/256									8
4/21/2024 14:26:26	2 / 12	Skeleton_King9		83					2^(2022)								7
4/21/2024 22:23:57	2 / 12	Schildkrote6		83			63/256		1	1	1	1	1	1	1	1	9 Chisataki is great, wish I had more time to solve the rest.
4/19/2024 23:40:39	1 / 12	u/normiesonly	true_6969	83			63/256	2^2022	1/e	1	1	1	1	1	1	1	9 Please make it easier.
4/20/2024 8:08:21	1 / 12	taly200902	toewl	-1/12			1 / 1024	1/e	2^2024	1/e							10 source?
4/20/2024 10:30:26	1 / 12	u/Ezekiel-25-17-guy	paleontologist1948_3022	84	1-(1/2)*k		2025	1/11		2024	0						9 Ahhh I've just finished my High School. Did problems till Q7. I tried doing Q11 because I'm somewhat good at binomial theorem. I should've atleast known that it is the second hardest q / I'm excitedly waiting for the second edition(next year) of r/mathmeme contest!!!
4/20/2024 12:16:27	1 / 12	IamACrafter_YT	iamcrafter	83	1/(1+2*k)*2		2023	2*10/10!			0	31					9 (For Q6, idk if it is -1/e - 1/e or 1/e - 1/e)
4/20/2024 17:06:03	1 / 12	a_useless_communist	someoneyeeted	3285			4046		2^2023								9
4/20/2024 9:34:53	1 / 12	oppwnd		83					2^2023								10
4/21/2024 12:08:16	1 / 12	Icy-Dig6228		84			2024	63/10*9	2^2022			16	0				6
4/21/2024 17:12:35	1 / 12	endoscopic_man		83	1 - 2*(1 - k) + 2c			1011	Doesn't converge, nor diverge, the n! found when factoring f(n) is alternating s								7
4/21/2024 18:53:11	1 / 12	Aggravating_Refuse_9		83	1 - 2*(1 - k) + 2c		4	1/132	2^2023	infinity		1	3 ???	0	mf idk	ssn 496-32-3945	10 what the fuck
4/20/2024 3:18:16	0 / 12	u/Step_Switcher	step_switcher / RealChisatoNishikigi	83 1-(1/2*(k+1)))		1	1	1	1	1	1	1	1	1	1-1/2	9 forgor to say this is my actual submission but i liked the problems. (except 7. It was cool, but I still hated it.)
4/20/2024 5:49:20	0 / 12	FireAwesomePT		π	π	π	π	π	π	π	π	π	π	π	π	7,8/10 - too much math. Should have more biology questions
4/20/2024 6:18:12	0 / 12	u/physicsisthicc														7 I'm just in 12th grade. I doubt I'm qualified enough to rate the difficulty level cause I only know Calculus well lol
4/20/2024 6:29:08	0 / 12	adfasdfdadfdaf		My billing rate is 1000$/hr	This was so trivial, even i binary?	is this a maths qu	Lycoris Recoil?	Watch me	Unfortunately, the answer	More Binary, I would muc	Finally, a bit of calculus,	B(B(N)), more like bye by	Friends? What would I kn	As there is only 1 Lycoris	Let P be a prime? well, ki	It's like, pretty big or some	Assume there are uncoun	1 TOO EASY, please make it HARDER for REAL mathematicians like ME next time...
4/20/2024 9:39:50	0 / 12	AndreyPunctulet		Idk	Idk this one either	No idea on this one eithe	Still no clue	This one was good but I s	Is this even possible	Unknown	Still unknown	?	Doesn't make sense	Idk don't know	This is hard	1 Yes.
4/20/2024 12:46:13	0 / 12	u/CartoonistOki9276		-1/12		69%		1.00%		80085	sqrt(4)	Big Booty Nutsack	0, i have no friends	who?	3x+1	420	1 π=3+e, q=10
4/21/2024 2:06:33	0 / 12	u/the-monkey-effect		129	94	394	319	384	3991	384	3991	4995	31	5858	3919	10 1993
4/21/2024 2:46:27	0 / 12	Metaltrack_2381		69	69	69	69	69	69	69 This is getting nowhere	.....69?	Is this some kind of glitch	Something's wrong	69	10 69....?
4/21/2024 12:55:31	0 / 12	u/freakingdumbdumb	cleverdumb	84												7
4/21/2024 13:33:14	0 / 12			2												
4/21/2024 23:05:08	0 / 12	Dbroawesome		k/ln(k)		2^4047	1/2*13	2^2023	-1/e		31			infinity	1	0.4466608725	9 I either did these really wrong, or too many answers are too much twos. (get it I answered 2^something for like half of the answers)

Average:	5.25 / 12			66	52	45	54	58	52	21	28	29	31	26	21	7.576086957
								(summation answers not accepted)								

Q1:	2.00
Q2:	5.00 / 12
Q3:	8
Standard Deviation:	3.80