

## INTRODUCTION

"Wow, this is a good session!"

You take a screenshot and lean back in your chair, satisfied with your latest SSSS score.

The year is 20XX. Player skill has reached formerly unprecedented levels; with scores on the rise, charts are following suit, getting increasingly complex until most of them can be approximated by varying BPMs of vibro. Ghost notes and over-layering have become so common that charters have given up and begun to chart 15-minute-long bursts of white noise.

Speaking of ghosts, actually, what's that to your left?

You jump, slightly startled. There's a disapproving-looking ghost floating around, looking at you in the eye. It wails at you, slightly naggy: "What's the point? What are you gaining? Do you even know?" It sounds a little disappointed in your choice of hobby.

You eye the ghost, more than a little annoyed about this interruption. "Look, I'm clearly in the zone today—I just SSSS'd these 3 songs, and I had a quintuple-S earlier, so if you don't mind, could you come back later? Who are you, anyway?"

"I'm the Ghost of VSRG Past." You groan, but the ghost takes you by the arm. "Come away with me, I have something to show you."

"But my session—!" It's too late to protest; the ghost has magicked you away somewhere. You're both looking at a young player, hunched over the keyboard, tapping away furiously.

"Imagine not being able to even SS *those* charts." You chuckle at the young player's relative ineptitude, but then you catch their reflection in a mirror—it's your younger self!

"I've selected these charts from your past," wails the ghost. "Maybe if you look into them, you'll see what you've gained since then."

[Camellia – shadows of cats](#)

[DJ SHARPNEL – AIM BURST](#)

[Cardboard Box – The Limit Does Not Exist](#)

[Yakou – Air Raid](#)

[Blitz Lunar – Mathsma Attack](#)

[Chroma – Sayonara Planet Wars](#)

[Iwadare Noriyuki – Meta Knight's Revenge](#)



*You may think I'm just making a big song and dance about it, but I really love these cats! They're so atypical and whimsical that it just seems logical. I even make up conversations they might have!*

- I've been reading William James' work lately. What he says about the truth of statements really holds true!
- Philosophy? What use is that in the real world? You can't eat philosophy!
- Speaking of eating, does anyone have some milk I can have?
- Me too! I wouldn't mind some tuna, as well.
- Let him talk! He's so dreamy when he goes on about philosophy like this.
- Ah, such beautiful love is a melodic tune adrift in the midst of our silence.
- HAHAHA! TUNE-ADrift! BECAUSE TUNA! I GET IT! LOL!
- I have some milk, but I wouldn't suggest you drink it. It gave me a bad stomach-ache!
- If everyone will lend me your ears for a few minutes, I'd like to share a solution to the milk situation!
- Yeah, as if. It'll just get worse.
- Exactly! This milk is too rancid to drink! \*glug glug\*
- Really? That seems untrue to me...
- Who needs milk when I can stare into her milky eyes?
- William James wouldn't approve of that thought.
- Okay, but I bet he would approve of getting us some actual milk to drink, eh?
- Alright, guys, forget the milk. But does anyone have any cookies I could steal?



The Extreme Precision Legion had a great 2017-2018 season! Each member of the Legion fired anywhere from 50 to 200 shots each (both inclusive), and hit anywhere from 0 to 100 shots on target each. Clearly, no member hit more shots on target than the total number of shots that member fired.

Five members' records were lost, but we have anecdotal records that might help you to put together the data. The only figures we need to recover are each member's number of shots on target and each member's total shots fired.

- If Roberto had fired as many shots as Harry, with one more shot on target, he'd have a 25% accuracy.
- Jamie hit the same number of shots on target as Gabriel. He was very happy with his accuracy of exactly 50%.
- Jesse hit the fewest shots on target—despite taking the same number of shots as Gabriel, he hit 10 fewer than Gabriel, who had an accuracy of 60%.
- Roberto would have matched Jamie's accuracy if he had hit the same number of shots on target but taken 5 fewer shots.
- Harry had 12 more shots off target than Roberto even took.
- If you took Roberto's number of shots fired—a two-digit number—and switched the digits, you'd get Harry's number of shots on target, which is just one more than the number of shots Jamie fired.

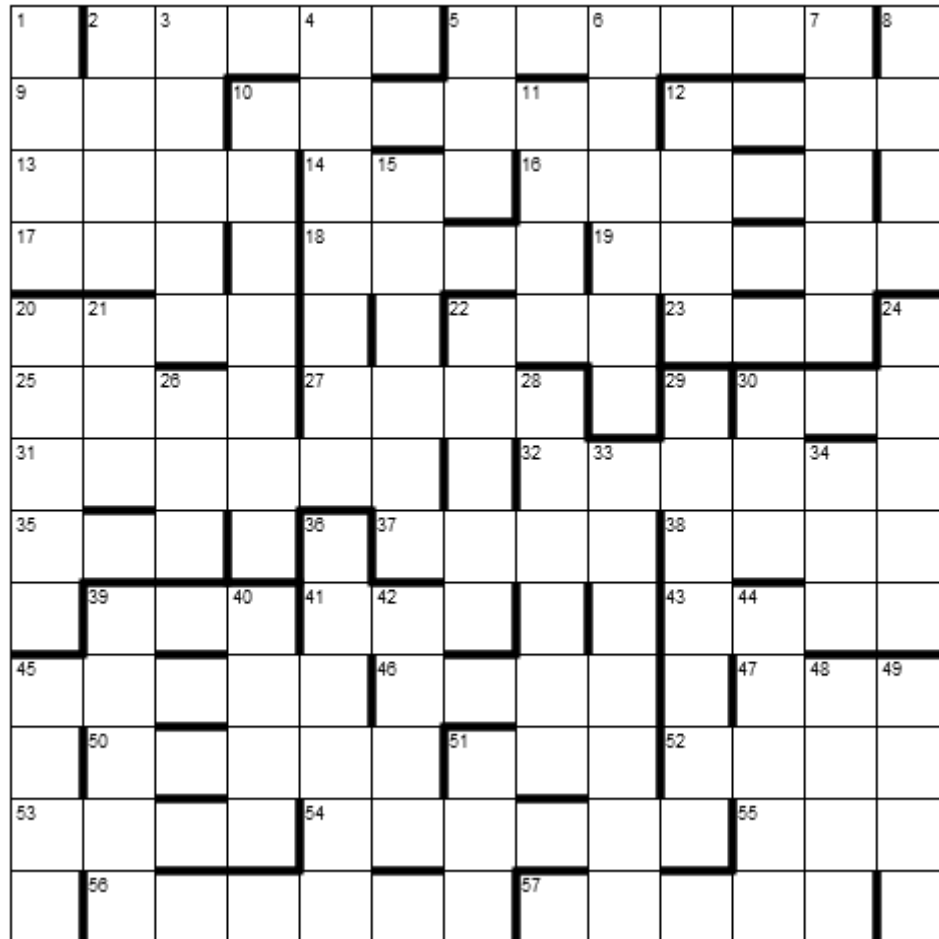
Please submit a report detailing the results, using the table below.

Player	Shots on target	Total shots fired
Harry		
Jamie		
Roberto		
Jesse		
Gabriel		

In the case of any doubts or ambiguities, please refer to the official site records.



*To achieve great things, you sometimes have to break through the limits and push on! And in the limits you've just overcome, you can sometimes find new meaning.*



**Across**

2. Rare tin compound in ground
5. Dock fellow talks about
9. Some dotty, secure cipher, in the end!
10. *Dota 2* hero first unlocked with cryptosystem
12. Alternate half-cure with prescription for heart
13. Support item in play
14. Career speaker starts turning philosophical
16. Reportedly work to gain container
17. *Toy Story* villain's starting to settle inner demons
18. Disc containing file 3, perhaps?
19. European Union: pound to turn down
20. American queen is an addict
22. United cricket side with English side
23. Mischief-maker hiding in dim point
25. Bear almost breaks training bag
27. Almost fight in bath
30. Pluck up courage
31. Stop to take sides in this area or domain
32. Issues some cutlery for starters' half-  
portions
35. Self-esteem, energy and drive
37. Armoury's torpedo damaged or missing
38. Eggs on gutless relative to accept love
39. Some slam awful kisser
41. Remove odd parts of candid annex
43. Church of Spanish Surrender
45. Centre to remove odd parts doctor dispensed
46. Close of day, sleeper's finally going in to retire
47. Carry out task first, Mark
50. Idiot's bottom GCSE grade turned to top grade, leading to moving celebration?
51. He designed the Green Building, putting top effort into circular ratio
52. Journalist to take one back to border
53. Rising to instigate rebellion, primarily!
54. Stages most of Arsenal play
55. In the style of OneNote? (2 wds.)
56. Material company briefly empties out oil, acquiring solar power
57. Tokyo's leader Lincoln, briefly

**Down**

1. Current units' addendum to follow in the morning
2. Donuts and bagel mostly fit to eat
3. Eat before taking too many breaks
4. Savior errs badly, taking hint
5. Scratch father's head, leading to anger
6. Place's left totalled, like a room in an asylum
7. Out of bed to support direct approach (hyph.)
8. Model's following record: about 90 and close to more besides
10. Less frequent hesitation following fights
11. Stitched in four different points
12. Measure copper piece
15. Forced rocket into empty pod
20. Trouble university to go over MIT homework assignment
21. Regularly slurp and eat
22. Chose work over educational conference talks
24. Hear about ocean view
26. Character in back gate around hospital
28. Aim at a steeple
29. Abandoned ethics for urges
30. Bloodied blush?
33. Polite punch
34. "No deal" initially an indication of consent
36. Ridiculous plan to take in six hundred Africans begins
39. Drug dealer regularly decompiles broadcast?
40. Moved modern set-up with TV halfway
42. One who recolors, turning yellow into red
44. Dance move is poor in retrospect
45. War god's spoils
48. Essentially, agog lecher's stare
49. Group starts to eat a meal...
51. ...for each agent returning



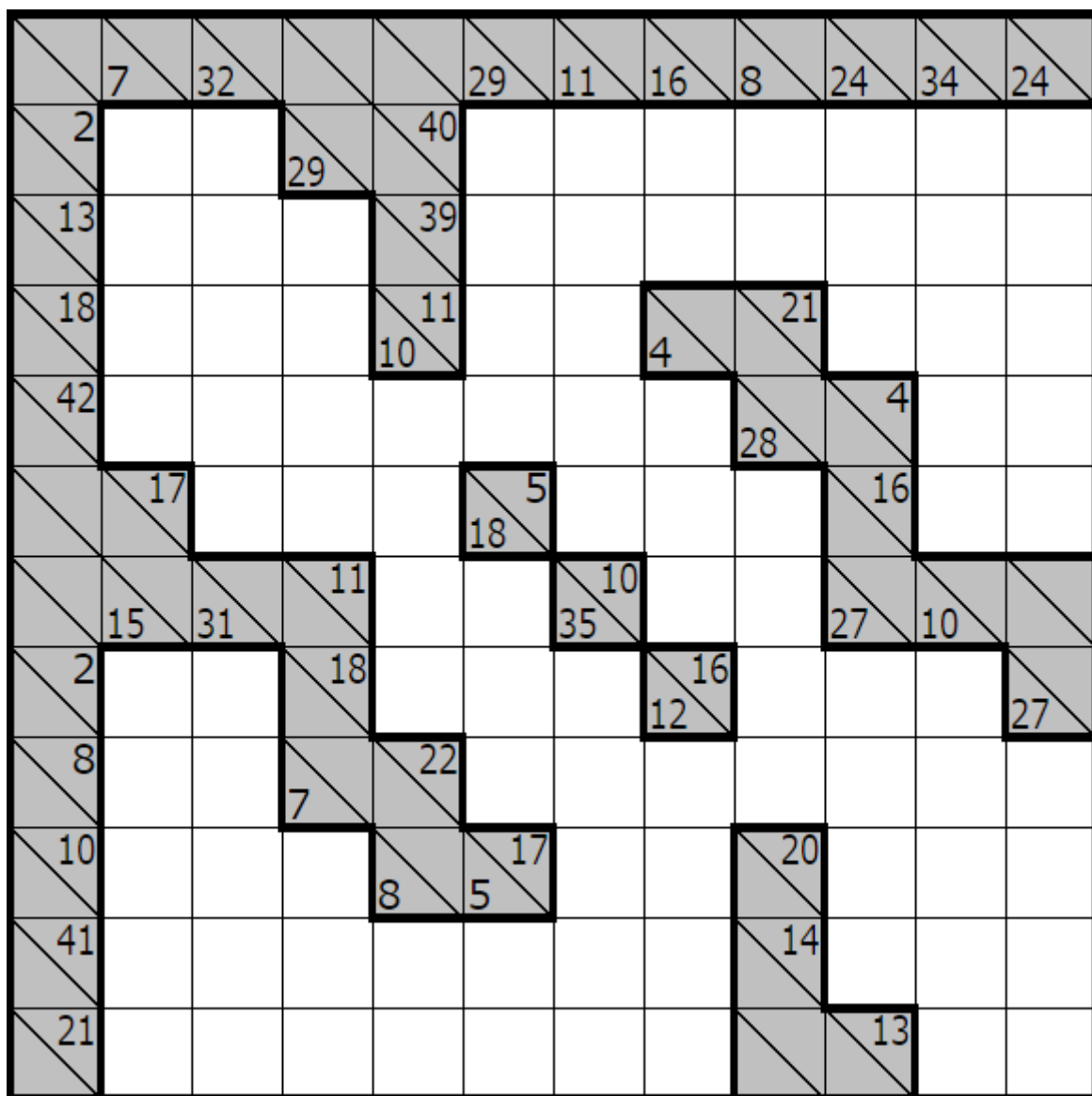
*I was supposed to take part in an air raid, but all my signals got mixed up...*

- REGUBIGRUOYLEVIURELATRETUVASNUIEZUSI
- DIGENTIVEOPENINGWHNREFONDSENNER
- YNIONYMORIHRIOTTLEHOIKENDIUFILOCATE
- YSTAYSIGYCOVRINGYEARYYAPRL
- THCOCOOCSTAGAOOACINSECLVLIMN
- EDSCAPECTONVICBNATMAVNILLAI
- FIGURARTMADADTOAOTTWAWTJOINEAETSQUAREAET
- PLNONTPRDUCINONGTAIONOCASTRNOCH
- ARGRAMMARRAPARTDNINDICATINGTCACTION
- STEREOTYPINALOFFENSIVEBATNLEORNER



## THREE COOL TIPS ABOUT **MATHSMA ATTACKS**

1. Mathsma attacks are rare occurrences, never seen more than once per sum.
2. Mathsma attacks are characterised by shortness of numbers and the victim struggling to add up.
3. In the event of a mathsma attack, those around should pool their abilities together to help the victim.





The armies of the N1K-071 cluster are constantly at war. Its residents, on the other hand, can't wait to bid farewell to the conflict.

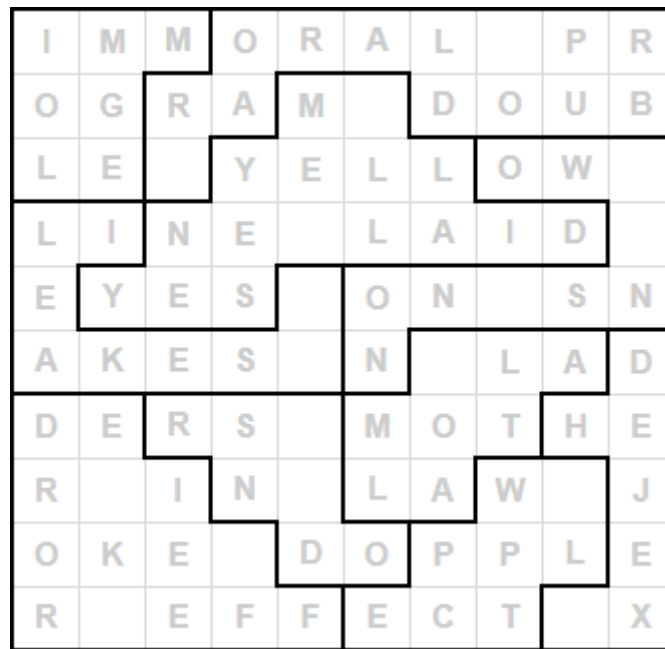
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R	E	A	S		T	H	R	E	E
	O	F		A		K	I	N	D
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C	H	A	R	G	E		C	A	R
D	I	O	V	A	S	C	U	L	A
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E	S	S		M	E	M	O	R	Y

H	A	V	E		A		N	I	C
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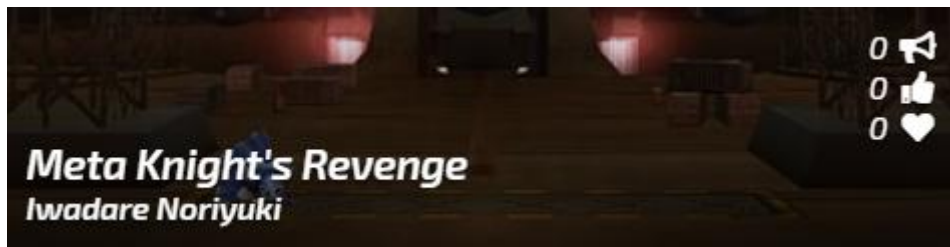


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	G	R	A	S	S		W	I	T
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	P	U	B	L	I	C		L	I
B	R	A	R	Y		A	I	R	L
I	N	E		B	U	S	I	N	E
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L	A	N	G	U	A	G	E		X

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B	L	O	A	T		P	E	R	F
E	C	T		P	I	T	C	H	



- 1929 novel (3)
- Album released chronologically before (5)
- Bad 28<sup>th</sup> episode (1)
- Debut album of rapper (3)
- Football club nicknamed "The" (3)
- Fourth book in a series, titled after a message left (2)
- Grammy Award-nominated album containing the track "Burns" (5)
- It won the Award in Berlin in 2010 (3)
- Medal the US famously won in 2009 (3)
- Sitcom featuring Sam (6)



*You've taken steps in many directions to come this far, bit by bit. But in the end, what have you got to show for it?*