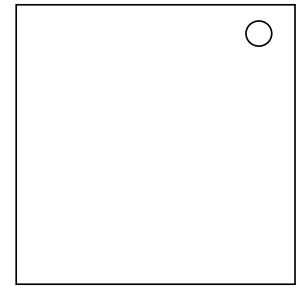# On the Subject of Superposition

Management told us to change our passwords every three months, but we took the superposition instead.

- The 5x5 grid will have two letters displayed simultaneously, with the arrow buttons cycling between 5 grids. Each letter is a part of an unscrambled 5-letter word.

- Each grid can have 3 types of squares:
    - White squares – Neither letter has a pixel present in that spot.
    - Gray squares – Exactly one letter has a pixel present in that spot.
    - Black squares – Both letters have a pixel present in that spot.
- *Editor's note: I couldn't decide between them being XORed or having them be ternary. If you could find a way to do both that isn't dumb, let me know.*

- Determine the two words present and consider both numbers they have next to them:
    - If the numbers share parity, press the submit button on the grid whose number correspond to the lower number.
    - If the numbers don't share parity, press the submit button on the grid whose number corresponds to the higher number.
- *Editor's note 2: I had another way of submission where you'd submit the word back into the mod via RGB, where the two words present represent R and G, but I decided against it because I think it would be annoying to input, and RGB is quite overused at this point. I also thought of indexing the two numbers into a table, but decided against it because I like this method more than that one.*

Argue	3	Blaze	1	Cajun	4	Depth	1	Endow	5
Foyer	4	Gimpy	2	Heavy	1	Index	5	Joker	3
Kylix	5	Lambs	3	Mercy	4	Nifty	2	Omens	4
Pupil	5	Risky	3	Stoic	4	Taboo	2	Unbox	4
Viced	5	Waltz	3	Xerus	4	Yuzus	2	Zilch	4

Letter Reference

- *Editor's note 3: I wanted to make each one a table you can highlight, but I hate CSS so I just made it in google sheets.*