

key takeaways and observations

- $\chi, \gamma \in \mathbb{Z}$: $\chi \pm \gamma \in \mathbb{Z}$, $\chi \cdot \gamma \in \mathbb{Z}$, not closed under division
- when working with gnantifiers / negating, converting implications
 to TPVQ might be easier try it !
- try approaches other than touth table when guantifiers (V, J) involved
- · think of 2D space when propositions one of form Q(2,y), etc.
- guantifier order matters if they are different

thanks for coming! please fill out the check-in **today** and feedback form when you want to.

- check-in: <u>https://forms.gle/fKotx2ad4YZLmdb17</u>
- feedback: <u>https://tinyurl.com/aishani-sp21-fb</u>