Title of Talk

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Definition

This slide is showing off various elements of a slide you might want to use. Do delete this slide before presenting this template.

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

1. This is an enumerated list
2. This is a second item

▶ This is an itemized list

Definitions and Examples

What are you talking about?

This slide is a great spot to introduce the definitions of what you will be talking about.

Let G be a finite abelian group, h be a non-negative integer, and m be a positive integer. $v(G, h, m)$ is defined to be the *largest size* of a h-fold sumset of an m-subset of G.

Here (or on the next slide) is a great time to go over an example of how to use this definition.

Problem Statement

Here's a good place to write down the specific problems that use the definitions you've given in the previous slide.

It's possible to include an example for the problem as well!

Results Known

Results known about my problem

Here's where you can talk about what Theorems exist about whatever you've defined in the previous slides.

$v(G, h, m)$ is trivially bounded above by $|G|$... Other bounds include...

Be sure to reference the authors of these results, and feel free to spend more time on this part catching others up on what might be obvious to you!

My Results

My Goals

Here it might be pertinent to remind / introduce others to what you think *you* might be able to prove about your problem.

What assumptions do the previous results make, and do you think you can extend their techniques to lessen these assumptions?

New This Week

Here's where you can finally talk and summarize what you did in the past week. Have you gotten closer to proving your goals?

Next Steps

Considerations and next steps

What will you be working on in the next week? Do you have a good idea of what you will be doing, or are you stuck and looking for help?

Might you be able to relate what you're doing to ideas of someone else? Do you want to review another proof from the book before continuing?

References

Slide Template Credit

I (Matt Torrence) who has been speaking to you through these slides designed this template myself. Feel free to delete this slide in your presentation.

I was inspired by the following stack overflow response and used it as a starting point for this template: `tex.stackexchange.com/a/146682/188835`

Typography used includes 4 typefaces:

- ▶ Charis SIL, for the default serif type
- ▶ `IBM Plex Mono` for monospace text
- ▶ Carlito for the default sans-serif type
- ▶ TeX Gyre Termes Math for all math mode text