

Source: [\[KBe2020math530index\]](#)

1 | Emphasize

- The more you participate, the more you will get out of this
- Learn how to communicate mathematics
 - Read and write proofs
 - Convince yourself and others what is true.

Course Notes

- Use the chat box.
- Textbook
 - Introductory math writing
 - Math text but author tries to make it understandable
- Discussion
 - What is linear algebra
 - Good for understanding data
 - **Study of Matrices**
 - Many applications, including systems of equations
 - Why is it called that [\[KBe2020math530floLinalgEtymology\]](#)
 - What is a number? [\[KBe2020math530floNumbers\]](#)
- Math as a game
 - Rules
 - some sets of rules don't work together
 - some sets of rules work but they are boring
 - we use the rules we do because they lead to interesting properties
 - definitions are important