## Jan 22

## Review 3.1

- Do lots of examples
- Relate range to span
- Relate kernel to linear ind
- Relate onto to spanning
- Relate one-to-one to no free variables
- Do the unifying theorem

## 3.2 Matrix Algebra

- Do the product AB as columns
- Matrix multiplication is function composition
- Do transposes
- Do powers
- Do elementary row operations
- Do partition matrices if time.