Review and Extension — Modular Arithmetic

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1 Key concepts for this term

- Definition of mods and least residues
- Interactions of operations and mods
- Inverses
- Fermat and Euler
- Wilson
- GCD Trick
- Euler's product formula
- Chinese Remainder Theorem
- Mods that work with small powers

2 Homework

Solve and submit any three problems from the problems sections of this term's lectures that weren't covered in class.