

Review and Extension — Modular Arithmetic

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1 Key concepts for this term

- Bounding: WLOG, dominant terms, induction, mods.
- Descent
- How to deal with floor functions
- Diophantine equations: factorisations, mods, discriminant, taking out GCD.

2 Homework

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