

## Reminder

Exam 2 takes place next Tuesday, March 28.

The exam covers Chapters 3 and 4  
(functions, binary operations, and relations).

Please bring your own paper to work on.

# Main concepts

- 1. function
- 2. domain
- 3. codomain
- 4. image
- 5. inverse image
- 6. injective
- 7. surjective
- 8. bijective
- 9. permutation
- 10. composition
- 11. inverse function
- 12. binary operation
- 13. associative
- 14. commutative
- 15. identity
- 16. inverse
- 17. closure
- 18. relation
- 19. reflexive
- 20. symmetric
- 21. transitive
- 22. antisymmetric
- 23. equivalence relation
- 24. equivalence class
- 25. partial ordering
- 26. linear ordering