

The anatomy of integers

13.1. Rough estimates for the number of integers with a fixed number of prime factors

13.2. The number of prime factors of a typical integer

13.3. The multiplication table problem

13.4. Hardy and Ramanujan's inequality

Appendix 13A. Other anatomies

13.5. The anatomy of polynomials in finite fields

13.6. The anatomy of permutations

Appendix 13B. Dirichlet L -functions

13.7. Dirichlet series

More general s

Further exercises