Mathematics 361: Number Theory
Assignment H

Reading: Ireland and Rosen, Sections 1–6 of Chapter 9 (including the relevant exercises)

Problems:

Ireland and Rosen, (read exercises 9.1–2), exercises 9.3–6, 9.7–8, 9.10–14, 9.15–16, 9.23, 9.24–26

(Exercise 16 is supposed to begin, "Is $x^3 \equiv 2 + 3\omega$ (11) solvable?" but some printings of the book have the typographical error $2 - 3\omega$ instead.)