

Questions

Complete

Exercise 14G.1 questions 2, 5, 6ab, 8

Exercise 14G.2 questions 1a, 3

Difficult Challenge Explain how the assumption in question 3b (that ω is the root with least positive argument) can be loosened. What must we assume about ω in order for all of the fifth roots of unity to be represented by $1, \omega, \omega^2, \omega^3,$ and ω^4 ?