

All the problems are in textbook third edition.

(1) Exercise 1.1 #1, 2, 3, 7, 9, 11.

(2) Exercise 1.2 #1, 11, 13, 14, 15, 25, 28, 29.

(3) Exercise 1.3 #1, 2, 4, 5, 14.

(4) Summarize Galois's life and his contribution to math.

(5) How many positive factors of 144? What is the sum of them?