A scientist worthy of his name, above all a mathematician, experiences in his work the same impression as an artist; his pleasure is as great and of the same nature.

H. Poincaré

Please do the following problems from the textbook:

Page 241, Problem 6.7.1.
Page 242, Problem 6.7.5.
Page 287, Problem 7.1.2.
Page 587, Problem 13.4.1.
Page 588, Problem 13.5.1.