Exercise 1.
Exercises 10.4 and 10.5 from the book of Chong and Zak.

Exercise 2.
Exercises 10.7 and 10.8(b) from the book of Chong and Zak.

Exercise 3.
Exercises 10.9 and 10.10 from the book of Chong and Zak.

Exercise 4.
Exercises 15.10 and 15.1 from the book of Chong and Zak.