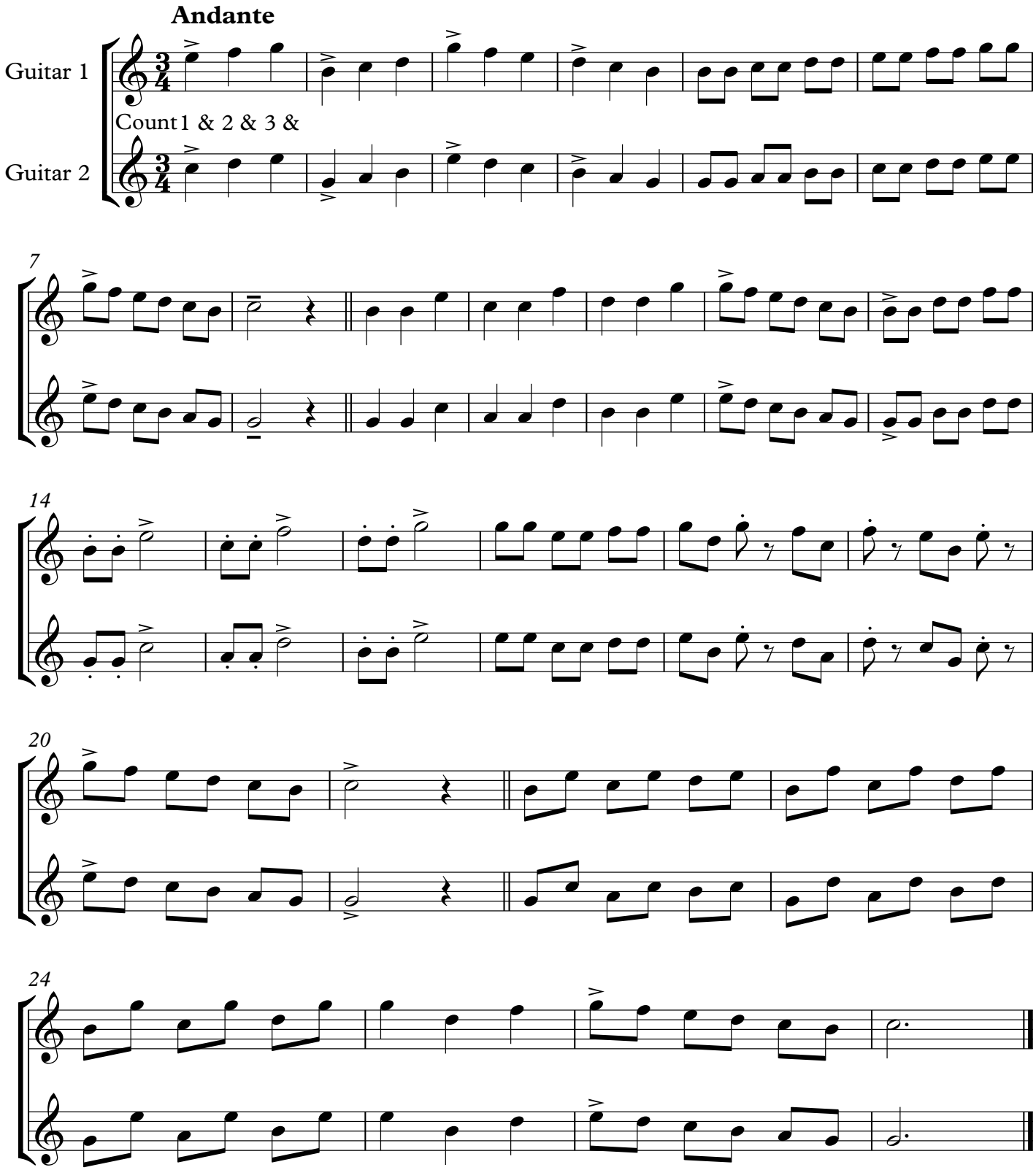Exercise 4.5