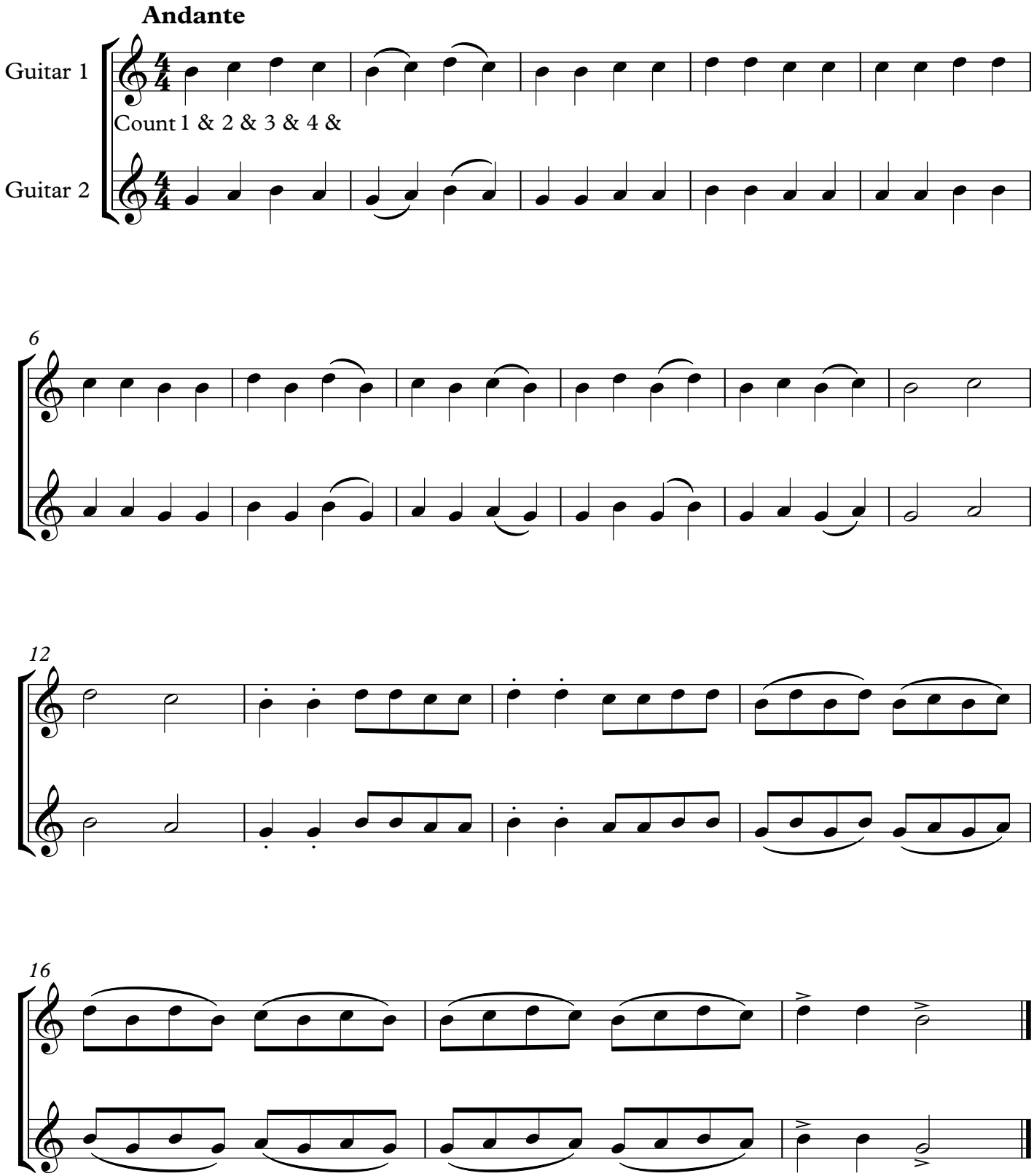Exercise 4.4