Chapter 9, exercise B

B Another way of describing the tongue position in vowels that has been suggested (see Sources) is to say that the tongue is in a neutral position in the vowel in head and that: (1) the body of the tongue is higher than in its neutral position in vowels such as those in heed, hid, good, food; (2) the body of the tongue is more back than in its neutral position in good, food, father; (3) the root of the tongue is advanced in heed, food; and (4) the root of the tongue is pulled back so that the pharynx is more constricted than in the neutral position in had, father. How far do the data in Figure 1.12 support these suggestions?