EXERCISE 13*: [Expressive power of the empty language] Show that the spectra of sentences over the empty language are exactly the finite and cofinite sets of natural numbers.

EXERCISE 14 = Problem 12.1, [BBJ], p. 149

EXERCISE 15: Present a sentence without function symbols whose spectrum is the set of even numbers.

EXERCISE 16 = Problem 12.2, [BBJ], p. 149

EXERCISE 17 = Problems 12.3, [BBJ], p. 149

EXERCISE 18* = Problem 12.4, [BBJ], p. 149

EXERCISE 19 = Problem 12.5, [BBJ], p. 149

EXERCISE 20 = Problem 12.6, [BBJ], p. 150

EXERCISE 21 = Problem 12.7, [BBJ], p. 150

EXERCISE 22 = Problem 12.8, [BBJ], p. 150