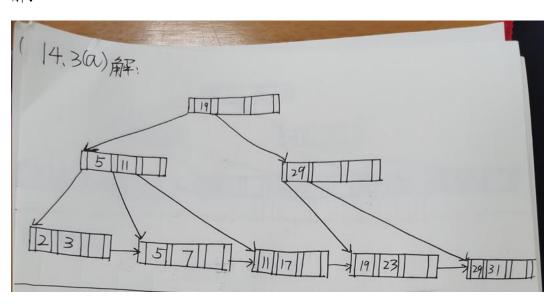
14.3 Construct a B⁺-tree for the following set of key values:

(2, 3, 5, 7, 11, 17, 19, 23, 29, 31)

Assume that the tree is initially empty and values are added in ascending order. Construct B^+ -trees for the cases where the number of pointers that will fit in one node is as follows:

a. Four

解:



- **14.4** For each B⁺-tree of Exercise 14.3, show the form of the tree after each of the following series of operations:
 - a. Insert 9.
 - b. Insert 10.
 - c. Insert 8.
 - d. Delete 23.
 - e. Delete 19.

解: (见下页)

