

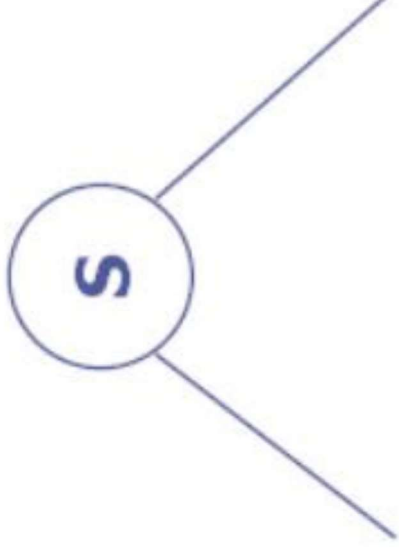
2-3 Tree Principle

- Guaranteed to always be balanced
 $O(\log n)$ operations
- Each interior node has two or three children

Node with two children

2 Node

- ◆ 2 nodes have one data item and 2 children



Search keys $< S$

Search keys $\geq S$

Node with three children

3 Node

- ◆ 3 nodes have two data items and 3 children (a left child, a middle child, and a right child)

