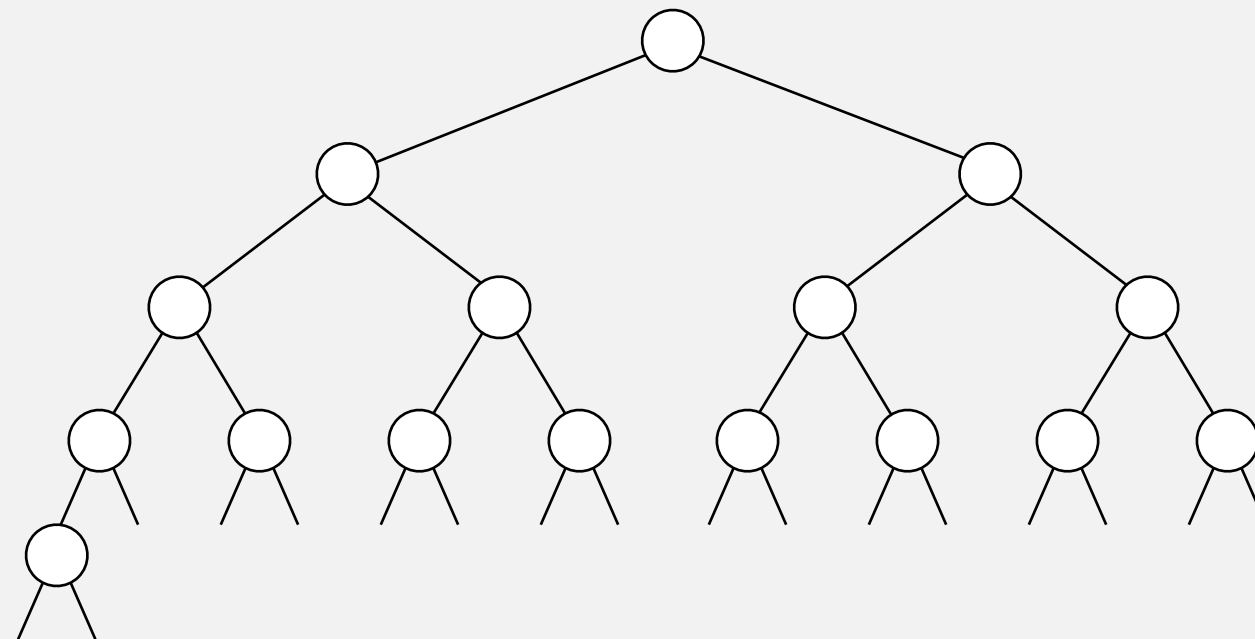


Complete binary tree

Binary tree. Empty **or** node with links to left and right binary trees.

Complete tree. Perfectly balanced, except for bottom level.



complete binary tree with $n = 16$ nodes (height = 4)

Property. Height of complete binary tree with n nodes is $\lfloor \lg n \rfloor$.

Pf. Height increases only when n is a power of 2.