The following binary search tree is a valid red-black tree.
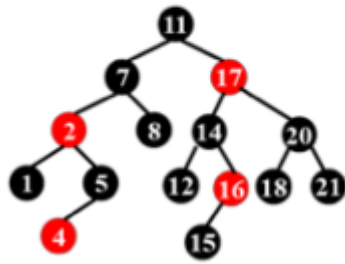

○ T   ● F

答案正确：5 分   ♡ 创建提问 ☑

Two red-black trees are said to be different if they have different tree structures or different node colors. How many different red-black trees are there with 3 internal nodes?

2

A 2-3 tree with 12 leaves may have at most 10 nonleaf nodes.

● T   ○ F

答案正确：2 分   ♡ 创建提问 ☑

When insert three keys into a non-empty 2-3 tree, and if the tree gains height when the first key is in, then we can be sure that the 2-3 tree will **not** gain height after the insertions of the next two keys.

T