BST Review
Here is a Binary Search Tree. What tree do we get if we insert 8 into this tree?
Answer:
Now start with this BST:

What tree do we get if we delete node 17?
Answer: 

Remember our algorithm: to delete node n, if n has only one child then replace n by that child. If n has two children, let r be n’s right child and let m be r’s smallest descendant. Replace n’s value by m’s value and delete node m by replacing it with its right child.
Delete node 35
Easy-peasy. Node 35 only has one child, so we replace it with that child:
Delete node 35 now
We replace 35 by the smallest value in its right-hand subtree, 39, and then delete node 39 by replacing it with its only child – its right child.