16 3 18 20 9 29 14 19 7 6 17 27 25 15 22 13 1 26 8 11 28 5 4 30 21 23 10 2 24 12 are inserted

In sorted order: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Average depth = 4.033, size 30