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Question **1**

Not yet answered

Marked out of 1.00

What is the result of the following expression in postfix form made of single digit numbers and the regular operators (+, -, *, /):
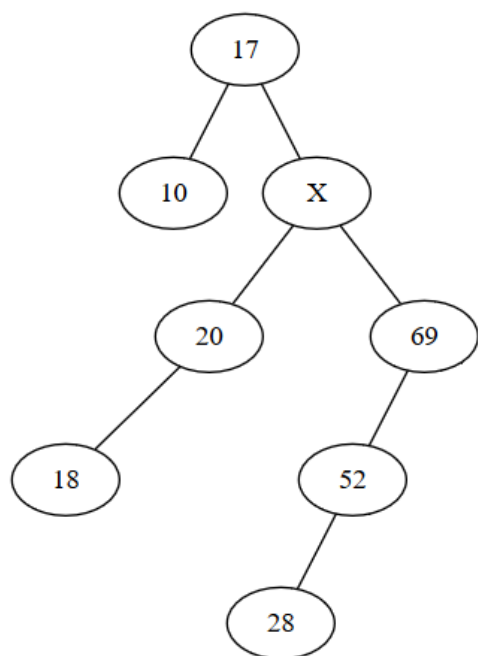
4 6 7 + 1 - 2 5 * + +

Answer:

Question **2**

Not yet answered

Marked out of 1.00

Consider the binary search tree from the figure below. What of the following values could be in the node with X?

Select one or more:

- ☐ 40
- ☐ 15
- ☐ 26
- ☐ 30
- ☐ 19
- ☐ 23

Question **3**

Not yet answered

Marked out of 1.00

Starting from an empty Stack we push into it, in the given order the following elements: 1, 2, 3, 4, 5, 6. Then we pop an element and push it into another, initially empty stack. We do this three more times (so we pop a total of 4 times). After this, we pop an element from the second stack. What value is now on the top of the second stack?

Select one or more:

- ☐ 6
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 1
- ☐ 5

Question **4**

Not yet answered

Marked out of 1.00

To which complexity class does the following expression belong to: $12*n^3 + n*log_2n + 52$?

Select one or more:

- ☐ $\Theta(n^4)$
- ☐ $\Theta(n*log_2n)$
- ☐ $O(n^4)$
- ☐ $\Omega(n^3)$
- ☐ $O(n^2)$
- ☐ $\Omega(1)$

◄ Lecture 14 Quiz

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