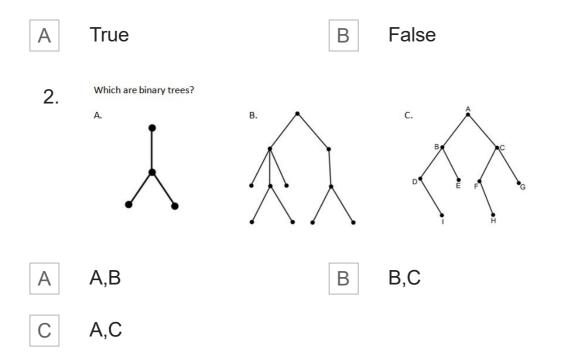
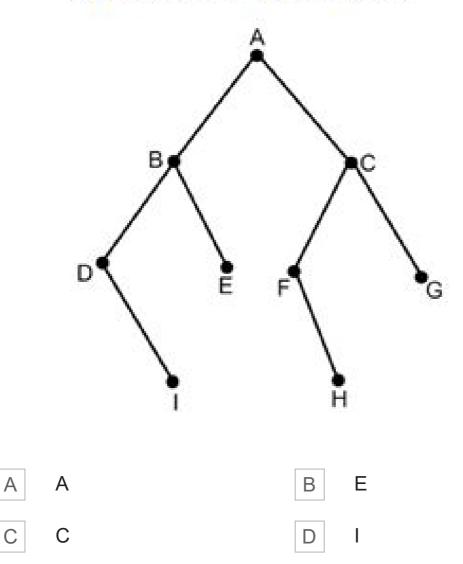
Quizizz	NAME :CLASS :
unit-4 test-1 20 Questions	DATE :

1. In a binary tree a node (vertex) can only have one child.

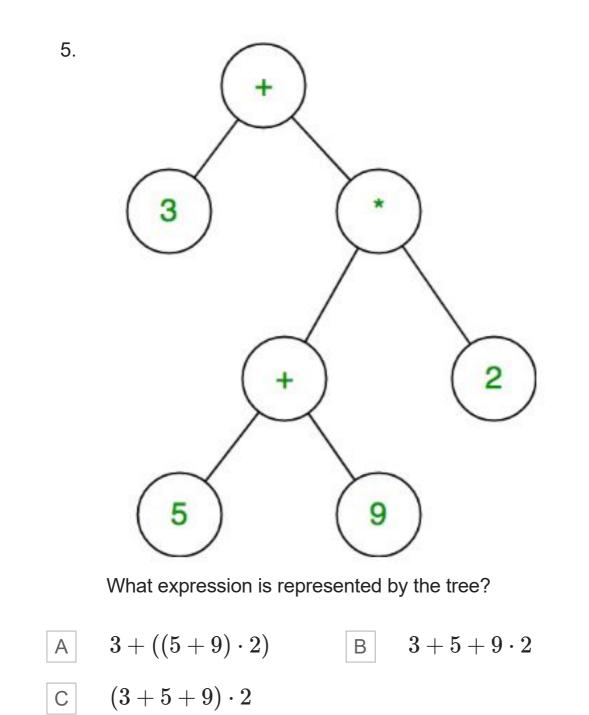


<sup>3.</sup> Which vertex is the root?



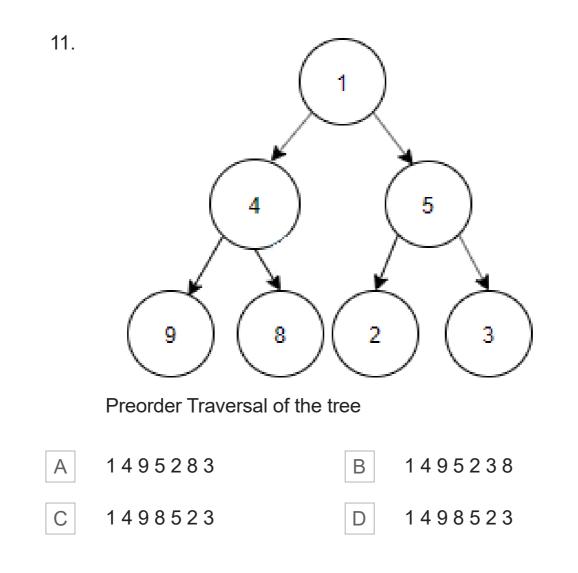
4. Draw a binary tree where A is the parent of B and C, B is a parent of D and E, E is a parent of F. G and H are children of C, and I and J are children of H. On what level is J?

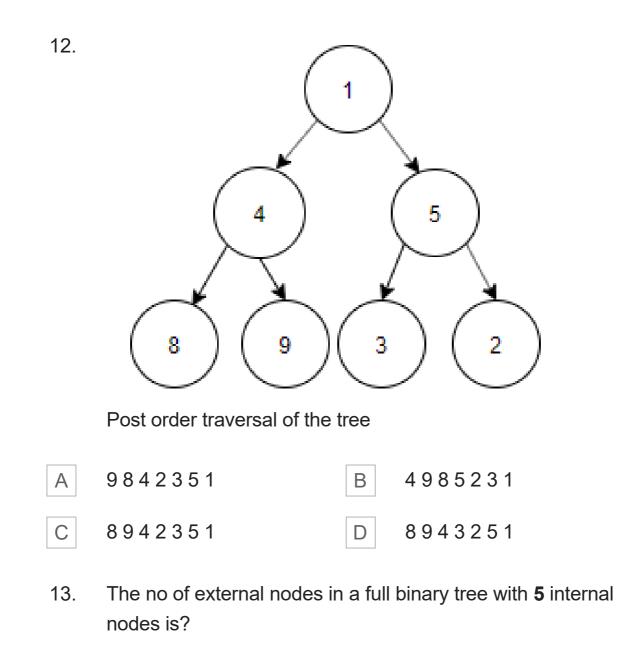




6.	+	(*	$\left<\right>$
	(f) (f) (f) (f) (f) (f) (f) (f) (f) (f)	9	2
A	31	В	26
С	34	D	28
7.	The number of edges from of the node.		ot to the node is called
A	Degree	В	Length
С	Path	D	Depth

8.	In a full binary tree		
A	Each level has exactly 0 or 2 nodes	В	All the leaves are at the same level
С	Each node has exactly zero or two children	D	Each level has exactly 2 nodes
9.	A tree is composed of	_ conn	ected by edges or lines.
A	Nodes	В	graphs
С	stacks	D	list
10.	Inorder traversal		
A	Left Right Root	В	Left Root Right
С	Right Left Root	D	Right Left Root

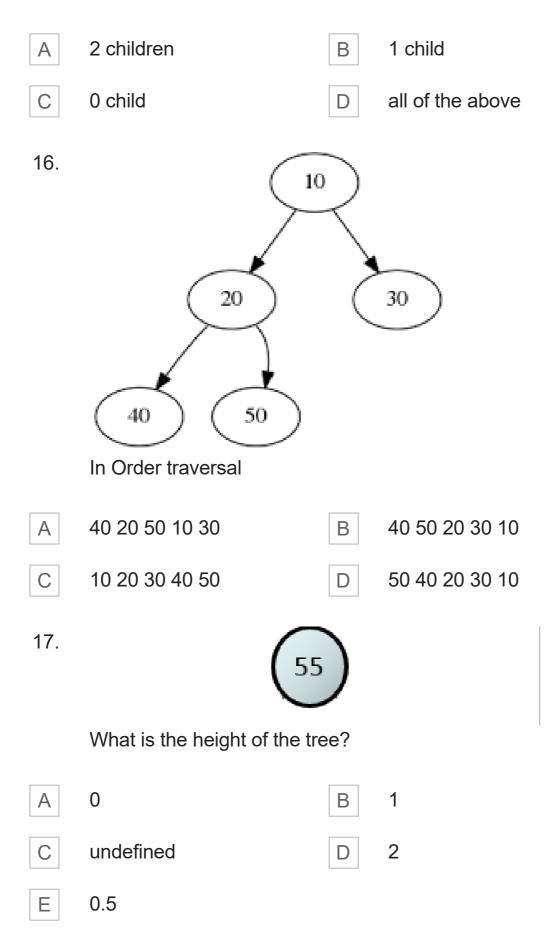


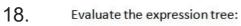


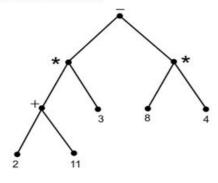
14. The \_\_\_\_\_ of a Binary Search Tree starts by visiting the current node, then its left child node and then its right child node.



## 15. A Binary Tree can have









В

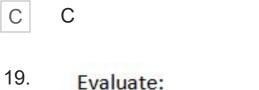
D

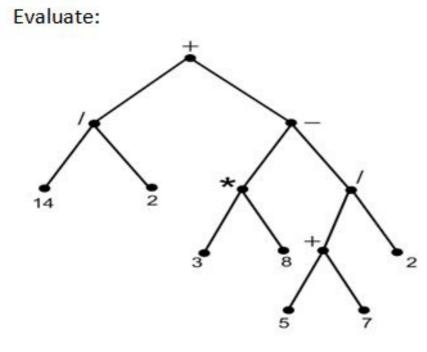
В

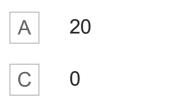
D



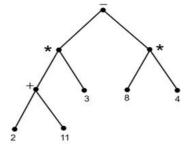
А











В

В

A. 2+11\*3-8\*4 B. (2+11)3-8(4) C. 2+(11\*3)-(8\*4)



Answer Key			
1. b	2. c	3. a	4. c
5. a	6. a	7. d	8. b
9. a	10. b	11. c	12. d
13. 6	14. a	15. d	16. a
17. a	18. c	19. b	20. b