Names:	Worksheet #7
CS Logins:	_ Trees and Traversals Activities
(write neatly please!)	
As always, sit with a par	rtner and work through these together.
best traversal to use for each of the following	als especially well. With a partner/group, determine the ng problems. You can choose from breadth-first, ur. There are certainly multiple valid ways to solve each u think that your answer is the best.
Activity #1. Decorate each node with the nu	umber of its descendants
Activity #2. Given the root of the tree, deter	rmine if it is perfect.
Names: CS Logins:	
(write neatly please!)	
As always, sit with a par	tner and work through these together.

Certain problems fit certain types of traversals especially well. With a partner/group, determine the best traversal to use for each of the following problems. You can choose from breadth-first, pre-order, post-order, in-order and Euler tour. There are certainly multiple valid ways to solve each problem, so make sure you discuss why you think that your answer is the best.

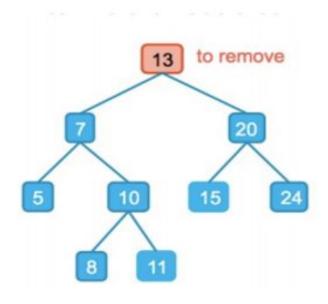
Activity #1. Decorate each node with the number of its descendants

Activity #2. Given the root of the tree, determine if it is perfect.

Names:	Worksheet #7
CS Logins:	Binary Search Trees Activities

As always, sit with a partner and work through these together.

Activity #3: To remove the root node, 13, we first need to find the node that will replace it. Find the root node's in-order predecessor and successor.



Names: _____ Worksheet #7
CS Logins: ____ Binary Search Trees Activities

As always, sit with a partner and work through these together.

Activity #3: To remove the root node, 13, we first need to find the node that will replace it. Find the root node's in-order predecessor and successor.

