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- 1. (1 pt.)
 - This *quick check* is **closed book**, **notes**, **etc.**
 - Use the **classroom and textbook conventions** and terminology.

Read the above carefully; then write your name below:

2. (6 pts.) In a red-black tree: [fill in the blanks as precisely as possible]	
(a) every	contains the same number
of black nodes.	
(b) consecutive	nodes are disallowed.
(c) newly inserted nodes are initially colored _	

3. (3 pts.) Why is it that the textbook's implementation of red-black trees does not include checks for Java null links when traversing the tree? [The correct answer can be stated in one short sentence.]