	CSE 373 QuickCheck 3	Name:	Student ID:
	For answers that involve filling-in a \square , fill-in the shape completely: \blacksquare .		
1. Mark all of the following true expressions about the height of a binary search tree of size I			ch tree of size N .
	\bigcap $O(\log N)$	$\square \Theta(\log N)$	$\square \Omega(\log N)$
	\bigcap $O(N)$	\square $\Theta(N)$	$\square \Omega(N)$
2. Mark all of the following true expressions about the height of a binary heap of size N .			o of size N.
	\bigcap $O(\log N)$	$\square \Theta(\log N)$	$\square \Omega(\log N)$
	\bigcap $O(N)$	$\square \ \Theta(N)$	$\square \Omega(N)$
	Draw the separate-chaining hash table in this order: 1, 2, 3, 7, 8, 9, 5. Assume and that items are added to the end of the end of the end of the separate-chaining hash table.	that the hash function for integers not the linked list.	