4)	
1.	125ms
2.	Minisat did not show up
3.	^^^
5)	
1.	Viz, tree, XML
	8
	Most recent one
4.	The size of the type scopes and the SAT solver used
9)	
1.	Addr
2.	0
10) 1	
11)	
1.	You can have at most 3 of each type
2.	There can only be one book
12)	
1.	The new show predicate adds a new constraint to the model that says that the address books
	must have more than one address in them. The previous one allowed a book with one or less
	addresses.
2.	#b.addr > 1 means that we want the number of addresses for b to be more than one
13) lor	ne e
	me name n means that the lookups require the same name, Name $\#Name.(b.addr) > 1$ means just had to be a name, not necessarily the same one.
20)	
1.	Two
	show for 3 but 1 Book and add for 3 but 2 Book
21) Th	ey stuff in parenthesis are tags to show which name that have in the predicate
22)	
1	The left and right sides are switched
	This is not an assignment, it is just something to match
24)	
	This function returns a set of Addresses
Ι.	THIS TUHCHOH FELUTIS & SEL OF AUGTESSES

- 2. Predicates are series of things that have to match, functions are about taking input and providing output
- 25) Alloy finds a counterexample for when you add a record that was already in the original book.
- 26) It ensures that the original book does not have the name that we are going to add

27)

- 1. 26ms
- 2. 110ms