## **Review 24**

## Automata & Theory of Computation

Student ID: Name:

1. Show that the language  $L = \{ w : n_a(w) = n_b(w) \}$  is not linear.

2. Show that the context-free language is closed under union, concatenation and star-closure.

	that the	context-free	language	is not	closed	under	intersection	and