## **Ethernet LANs**

**Exercise 1**: How many possible OUI's are there? How many devices can be manufactured for each OUI?

Exercise 2: Classify each of a hub, learning bridge and switch according to the following: can operate in full-duplex mode, can have independent PHY rates, collisions can happen, can receive from multiple ports simultaneously.

	full duplex?	indepent PAY votes?	Callisions?	simultaneous veccive?
hub	7	N 19167:	У	N
learning bridge	у	Y	N	y
bridge switch	y	γ	$\sim$	1