Ethernet LANs

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

Some:

olevices
$$2^{24} \approx 16 \times 10^6$$

per OUT:

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.

FYD RYD