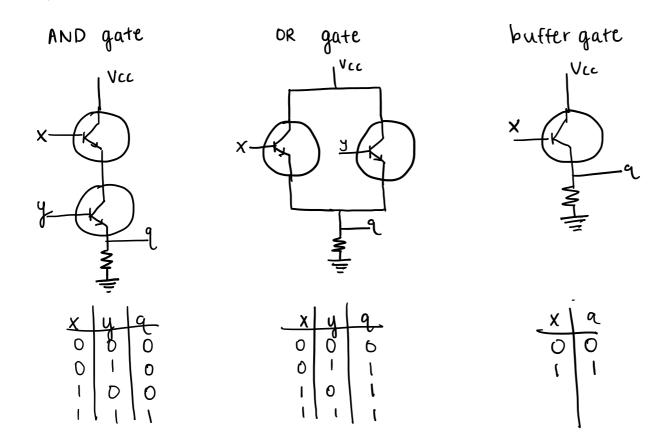
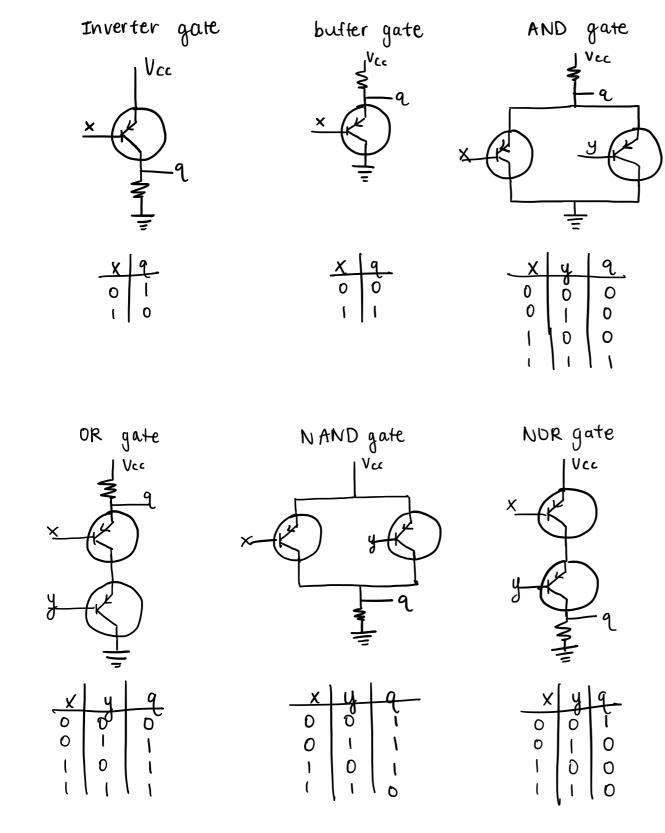
10:32 PM

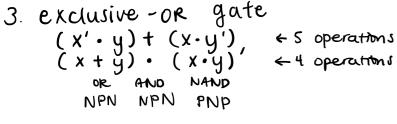
I completed this assignment entirely on my own except for discussion with Janice Tsai

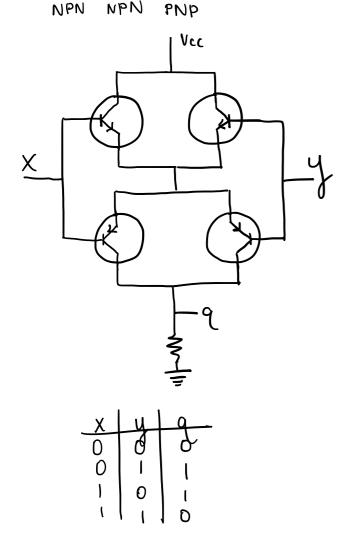
1. NPN bipolar transistors

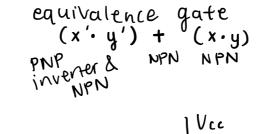


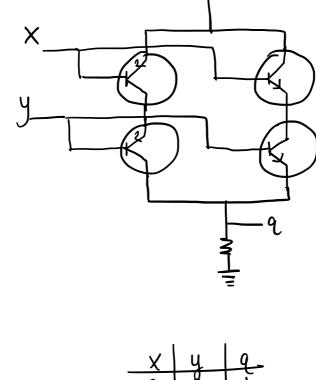
2. PNP bipolar transistors





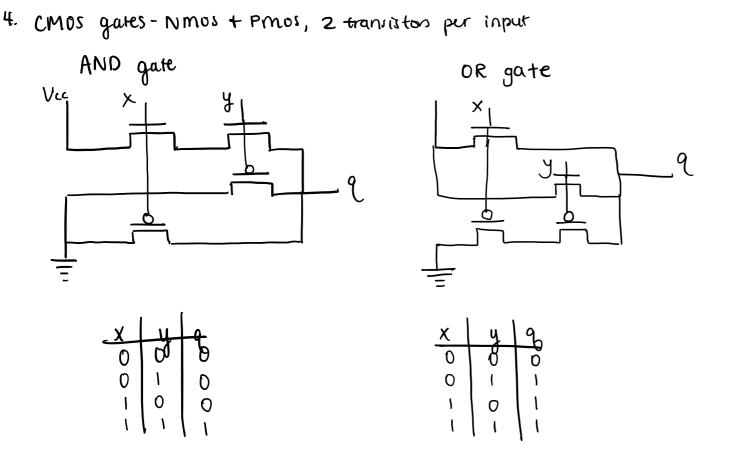


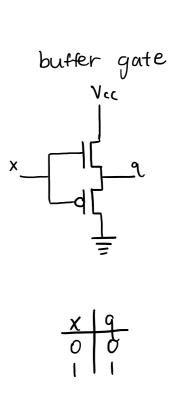




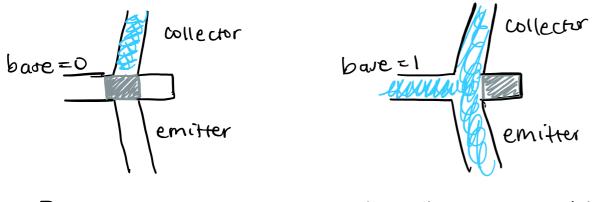
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5. Water-pipe "transistor"



In my vater-pipe transistor, there is a plug/block that blocks the natural from the collector pipe from travelling to the emitter. This is the initial state (when the base = 0).

when the bate input is 1, there is water travelling and its pressure pushed the block out of the way to allow the water to travel between the collector and emitter.