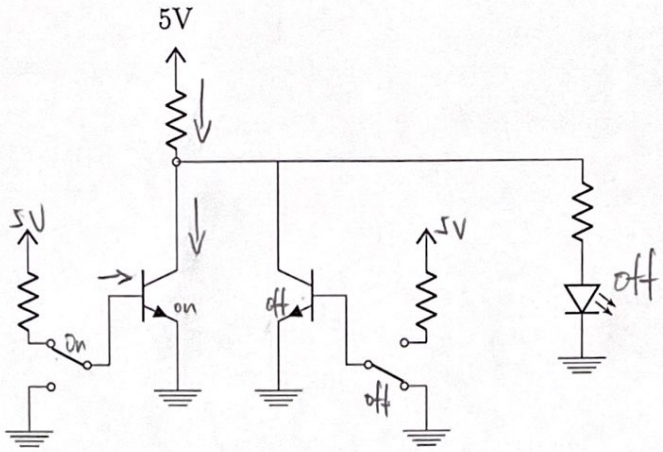
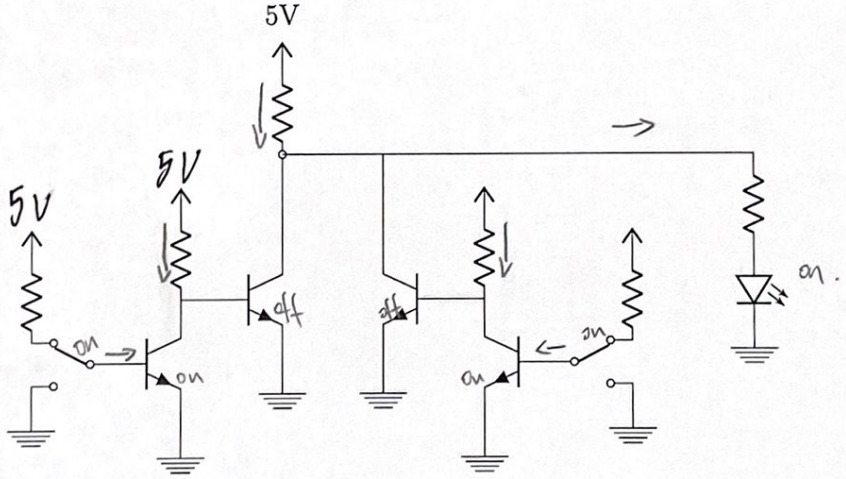
NOR:



Final gate: