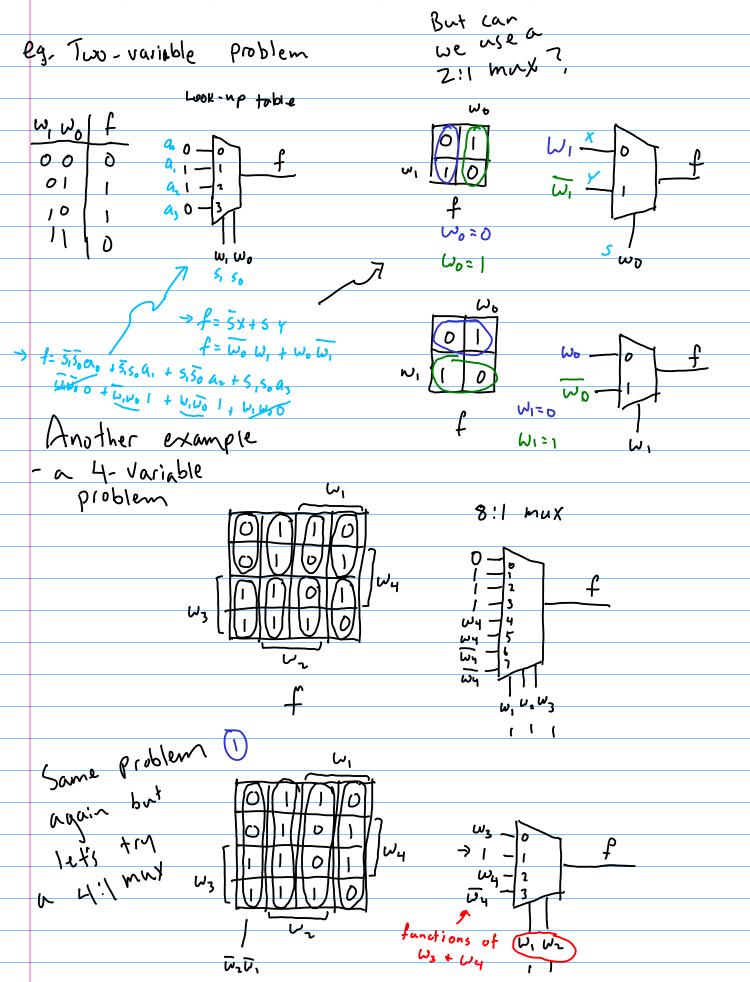
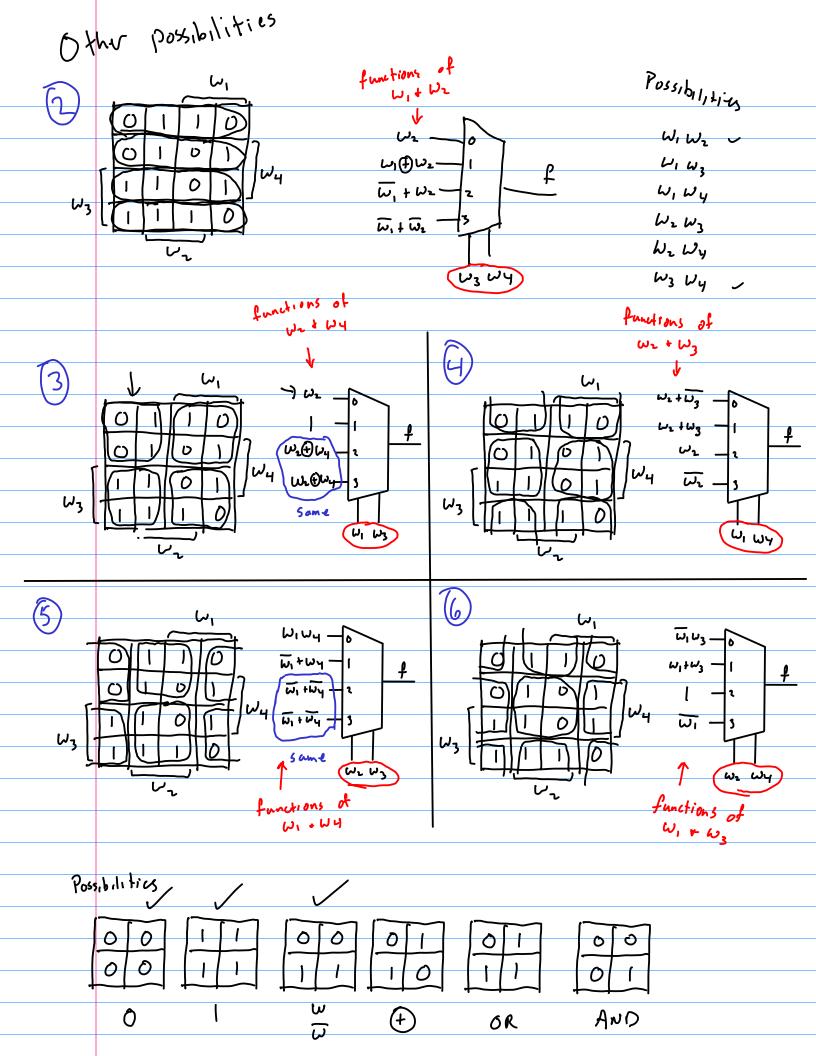
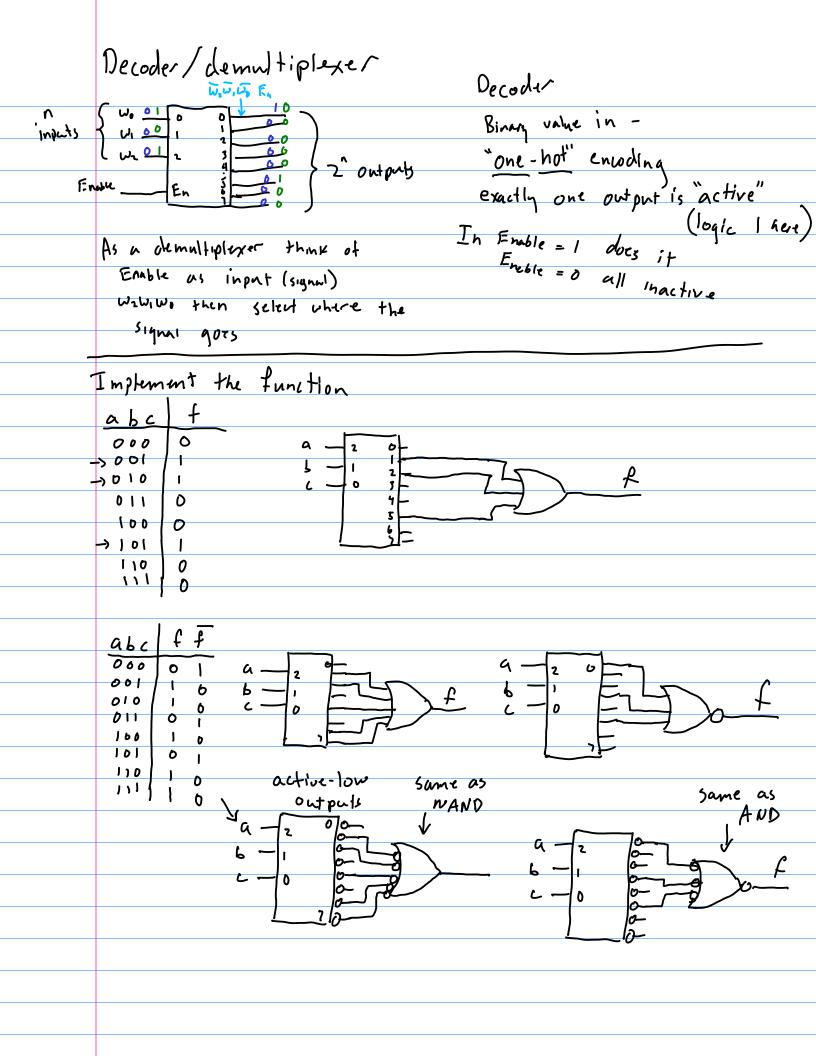
Using multiplexers to implement logic







Binary Encoder Anary value Expect **f**, corresponds to one-hot Owtputs 1 f, Which line enco ding inputs 15 Active Priority binary value Encoder **f**, f, fz n corresponds to ontints the highest numbered Input that is active Input hot nelessarily one-hot Code Converters BLD 7-5cq PP decimal point Arith metic (ompare A > B One- hot AER ß encoding Azb Start bit ł Eq. Majoriti petector RS-232 f= majority of eg. 3 samples 011 -> f=1 106 -> f=0