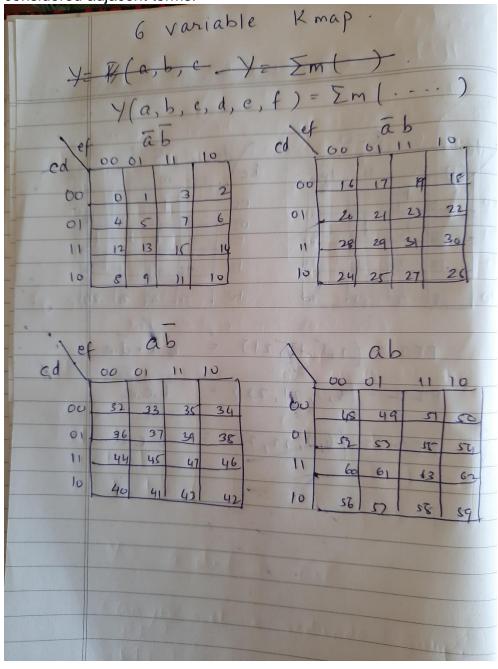
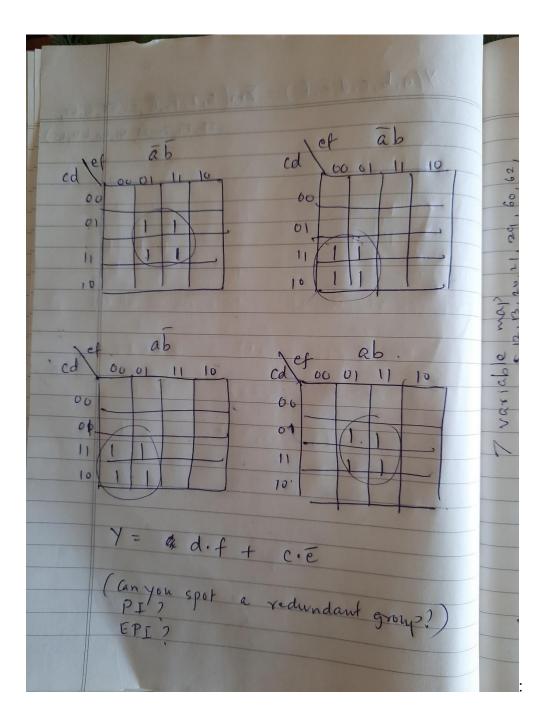
6 variable K map

As shown below, we usually split a 6 variable K-map into 4 maps of 16 squares which makes it much easy to visualize.

The four maps overlap; i.e. minterms at the same position on each map are considered adjacent terms.



Here is an example of a 6 variable K-map:



7 Variable K map

As you can see in the figure below, drawing a seven variable K map itself is very cumbersome and then grouping of the minterms or maxterms across multiple maps is confusing and not practical. So we limit ourselves to 6 variables for K map solving.

