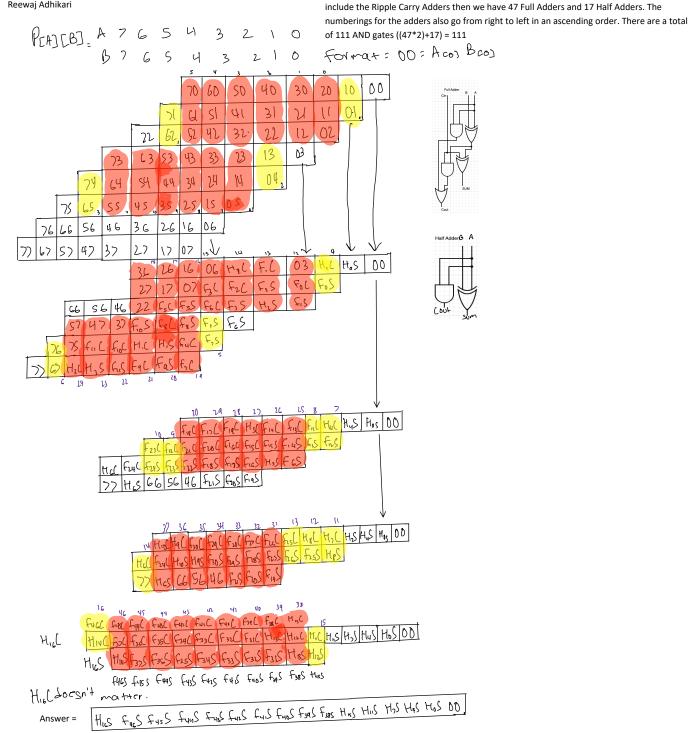
Wednesday, September 03, 2025 1:39 PM

Reewaj Adhikari



The Red highlights are Full Adders and Yellow highlights are Half Adders.

The numbering for the adders start at 0 and go until 46 for Full Adders (47 total) and 16 for

Half Adders (17 total). The Wallace Tree includes 15 Half Adders and 38 Full Adders and if we

17 Half Adders and 47 Full Adders