150 11965 F 16301 QUILI 26 April 202] Kulay Baykurs I or ower that any forms of cheating in this exam will result in a zons grade and a discipling involigation I occept all ruly and regulations regardly only exert. I give permission for the processing of my personal data as slow in the doificetin text provided on the faculty of engineering website Questions will west produces two types of combos hels. A type I hat requires three times as much labor time as a type 2. If the all available labor time is decire had to type 2 alone, the company con produce a hole of 500 type 2 hds a day. The market limits for two types are 100 and 200 hels per day for type I and type 2, no pectively. He profit is & & per Type 2 hel. Delemine the number of hets of each that would now mise profit il Build the notherated model of the proteon ii) Solve the pobler graphicly. Lotel overlebe = 450 gething more neximizing x -> type 1 3x17 5 450 y=> tyrez 8x+57 x 5100 y 5300 8(100)+5(300) = 2300