I am owne that any forms of cheating in this exam will result in a zero grede and a disciplinery investigation. I accept all rules and regulations regarding enlaw exams. I give permission for the processing of my paranel dolo or sloted in the Clorification Text provided on the Feulity of Engineering webelte"

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Ubeydelle L. Tra

Quetion 1

Will west produces two types of combon hats. A type I hat requires three times as much labor time as a type 2 If the all available labor time is dedicated to Typeh alone, the company can produce a total of 450 type 2 hots a day. The markets limit for the two types are 100 and 300 hots per day Type 1 and Type 2 189. Profit \$8 per Type1. \$5 per Type2. Determie mex. profit. i) build the meth expression (i) solve apophically.

