I am aware that any forms of cheating Abdolsanet Karakas In this exam will result in a zero 150119665

grade and a disciplinary investigation. I accept all rules and regulations regarding online exams. I give Permission for the Processing of my personal data as a started Text Provided on the faculty Engineering Web site.

Mill west produces two types of comboy hats. A

type 1 hat requires three times as much labor time
as a type 2. if the all available labor time is
dedicated to type 2 alone the company con produce
a total of 450 type 2 hads a day. The market
limits for the two types are 100 and 300
hats per day for Type 1 and Type 2 respectively.
The Profit is 85 fer Type 1 and 55 per hat 2
Determine max. Profit

Build the math. Problem

- Solve the Proglem graphically

Type I hat = X1 Type 2 hat = X2

Maxmize Z= 8x1+5x2

3x1+x2 5450

X, <100 X2 <300

 $X_1, X_2 \geq 0$

