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1- Wild west. Type 1 hat 3 times much labor type 2 450 hats a day
two types are 100 and 300 hats per day, Profit 8\$ Type 1 and 5\$ Type 2

1. Build math model

2. Solve graph

$3L$ is required labor Type 1

L is required labor Type 2

$$\text{Total} \Rightarrow 3L_1 T_1 + L_1 T_2 \leq 450$$

$$3T_1 + T_2 \leq 450$$

$$T_1 \leq 100 \quad T_2 \leq 300$$

$$T_1, T_2 \geq 0$$

