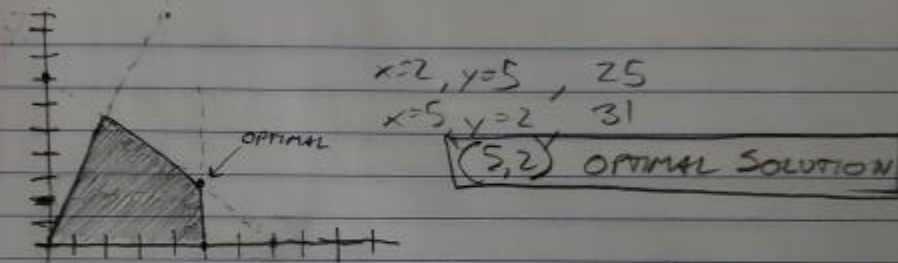


Taylor Whitlock
HW 16
7.1, 7.3

7.1



7.3 MAXIMIZE $1000(M1) + 1200(M2) + 12000(M3)$

$0 \leq M1 \leq 40 \text{ m}^3$
 $0 \leq M2 \leq 30 \text{ m}^3$
 $0 \leq M3 \leq 20 \text{ m}^3$
 $0 \leq 2M1 + M2 + 3M3 \leq 100 \text{ rows}$
 $0 \leq M1 + M2 + M3 \leq 60 \text{ m}^3$