Assignment2-MIS-64018-Mukhtar

Solutions 1, 2, and 3

Other relevant pdf files are attached to my GitHub account. The link is submitted to Canvas, Prof.

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For + F	2 7/P3 1/1/	(羊)
EXE	3 7 P3 (56) 3 7 P3 (6) 5 7 P3 (7)	k 8)
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Fa	714 (10)	8 11)
13 13 13	114 (11	\$ 12) M
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2 To Mathematical formula - Baylo Savers
Welly demand of brompack = 5,000 square foot Colleginte = X; Mini = Xs
$\begin{array}{c} \times 1,000 \\ \times 2 > 1,200 \\ \end{array}$
we know that 3 and 2 required sqr feel of each has a deman of 3000 1 week = 24 hos X 7 days X 60 minutes = 10,080 minutes 1 Collegiate seguines > 45 min 1 Mini > 40 min; so 35 x 40 > 60 = 84,000 Minutes
1 We now have 324, + 2x2 < 5,000 450, + 402 ≤ 84,000 24,762 > 0
(3) Soln: We need to define the filtering: $L = Large units P = Plants$ $M = Medium units.$
S = S Mall Mond 15
We now define: # large unds Produced/day at PI = L1 # Median v PI = MI # Small Unds v @ PI = SI
large vm/s V Q P2 = L2 # Medium Unis V Q P2 = M2 # Small Vinis V Q P2 = S2
large Vms v @ P3 = 43 # Medma Unit v @ P3 = M3 # Simal Unit v @ P3 = 53
The Briefine function: Marx: Z 4204+360M1+30081+42012+360M2+30082
420L3+360M3 +300 S3
$L_{2} + M_{2} + S_{2} \leq 360$ $L_{3} + M_{3} + S_{3} \leq 450$

Required SQF frof:	
20 L, +15 M, +12S, 213.00	
$20L_{3} + 15M_{2} + 1252 \le 12,000$ $20L_{3} + 151M_{3} + 12S_{3} \le 5,000$	
20 L3+ 15 1M3+1253 LJ,000	
Sall frocast	
2, + L2 + L3 & 900	
$M_1 + M_2 + M_3 \leq 1,200$	
$S_1 + S_2 + S_3 \leq 750$	
Manager and State of the Manager and State of the Manager and	LIA
I magnoslat Oleober That Plants Should use Some of of the	tes 6
Management Seword that Mants Should use Smone of of the Excess Capacity & Produce new Product; there force	- P - T - V -
V	
/30(4+M+S1)-/450(l3+M3+f3)=0	
/250 (L,+M,+S,)-/900 (L2+M2+S2)=	=()
/900 (12+M2+S2)-/700 (4+M,+S1)	=()
790000 775001	
NNG: LIZO, MIZIO, SI >0	
L27/0, M27/0, S27/0	
L3710, M3710, S3710	
3-1/-03-11-03-11-0	
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