Blending Problem Mathematical Model. 05/11/2022 Yakt 1 Febral 1 YAKIT SATIS FIYATI HETEOL. ALIS FIYATI TALEP YAKIT 1 70 dolor fine 3000 fice 45 dolar Aci 1 A) Petrol 2 Tokit 2 W TAKET 2 60 aborted 2000 field 35 dolar/ficer MAKIT 3 3 50 debrigal loss from 25 dolar /ficil Yakit3 & Petrol 3 Solfar (%) PETRA OKTAN 12 2.0 2 6 2,0 3 3 3.0 & Yokit 1 10 okton, entota 1/1 solfur en ag x Yakt 2 8 olden, en took 7.2 sulfur en oA 6 obton / en toals 1. 1 solder. & Yout B en of Mer fice Petrol'in Tokuta dönerkenki maliyeti Yoblar Apar a Gorde max 14000 fice oretilebilityon. a Reliana horsonar I dolar yolut satisin 1 10 ficil arthrigar. Amay fork: Kêr Mohsinizayonu. Koror Degiskenleri: Xii: Takit J arctilirken kullanlan i tipi Petrol militari. ai: Yakit i icin günlük rehlem masrafi. Gunlüle Gelir: 70 (X11 + X21 + X31) + 60 (X12 + X22 + X32) +50 (X13 + X23 + X33) fice Satin Alin Maligett: 45 (X11+ X12+ X13) + 35 (X21+ X22 + X23) + 25 (X31+X32+X33) (Ginlib) GUNIUL Uretim Maliyeti: 4(X11+X12+X13+X21+X22+X23+X31+X32+X33) Girlik Rellam Verme Moligetii 01+02+03 > Amac, fonk= Max 2: 21 X11 + 11 X12 + X13 + 31 X21 + 21 X22 + 11 X23 + 41 X31 + 31 X32 + 21 x33 - Q1 - Q2 - Q3 > Kisitlar XH+X21+X31 > 3000+1001 -> XH+X21+X31-1001 > 3000 (Talep Kisiti) X12 + Y22 + X32 7/ 2000 + 1002 -> X12+ X22+ X32 - 1002 7/ 2000 X+3 + X23 + X33 7 1000 + 10 93 - X13 + X23 + X33 - 1003 7 1000 X11 + X21 + X31 + X12+ X22 + X32+ X13 + X23 + X33 < 14000 (Toplan ficil Kapasite KINHI) (12 X41 + 6 X21+3 X31)/(X11+ X21+ X31) 7 10 -> 2 X11-4 X21-7 X31 70 (Okton kisiti) (12 X12 + 6 X22 + 3 X32)/( X12 + X22 + X32) 78 -> 4 X12 - 2 X22 - 5 X 32 70 (12 X13+6 X23+3 X33)/(X13+ X23+ X33) 76 -> 6 X13 - 3 X 83 (0,005×1+ 0,02×2+ 0,03×31)/(X++×2+×31) ≤ 0,01 → -9,005×1+0,01×21 + 0,02×31≤0 (0.005×12+0.02×22+0.03×32)/(×12+×22+×32) ≤ 0.02 → -0.015×12+0.01×32 ≤ 0 (Sülfür kisht)

(0.005 X13+0.02 X25+0.03 X33)/(X15+X25+X33) < 0.01 -) -0.005 X13+0.01 X23+0.02 X33 <0

OKIJX

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