



3
CB B 2B b y y2 y3 y4 S2  3 y2 x2 1 0 1 0 0 0 -5  0 y4 x4 y3 0 0 0 0 0 1  7 y 2 0 0 0 0 1  7 y 2 0 0 0 0 1  To y3 x3 2 0 0 0 0 1  To y3 x3 2 0 0 0 0 1  Than col2 x 2 2 0, x2 = 1  Optimum col2 x 2 2 0, x2 = 1  Than 3 2 0 ment shop makes
Optimum  Zmax = 3  Franker  A Granment shop makes  2 types of shirt. A shirt and Rs 4 few  2 types of shirt. Rs I and Rs 4 few  2 maves a profit. Rs I and B shirt resp.  He maves a profit and b shirt resp.  He shirt on tailors x and y devote 7  He shirts. Is howrs resp per day  the shirts and Is howrs one stitched  howrs and both type tailors. Tailor x and  Both type the tailors.  Scanned with CamScanner

1 e kautis
Toular y spend 2 hours and 5 hours
rest to stitche A shoot and I how,
and 4 hours rest in stitching B ships and 4 hours rest in stitching B ships of both short or maxim.  Should be stitched in order to maxim.
and 4 hower resp
How many types of both to make to
Should be stitched in
Pormulation > no of ho shirts
no of B
Tomulation > no of B shirts  The shirts  T
n ** / / /
Max = 200 24 + 4x2 St 2x4 + 4x2 & 7 5x4 + 4x2 & integers.
CL: 0
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2 D and
5x4 + 4x2 & 15 and integers.
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5×4 + 4×2
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5x4 + 4x2 na 70
G 1 1 4 1 0 1 xer/yr
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73.40
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12 - Leaving 10 20 VI
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B 1 1/2 1/2 1/2 1/4 100 1/4
32 32 14 1 19 1 19 1 1 1 1 1 1 1 1 1 1 1 1 1
2,0 8 3, 0
04 1 1 0 b 1 10 b 1 10 b
7-51000 7-2010
Zj-Cj 1/2 2 1/4

practional part of 7/4 = 3/4 f10 = 3/4, t11 = 1/2, f13 = 1/4; 3 - ( 2 24 + 4 23 ) 60. - 1 2 24 - 4 23 + S1 = 2 3/4.

Stor b 1 4 7 3 4 5 5 5 5 7 3 4 5 5 CB 4 29 18 3 -3/4/-1/2 0-1/4 Zj-cj Zo, S1 = -3/4. We will 3.76 SI - leaving variable, me entering b) y1 y2 0 0 0 1 001 fonal part of 1/2, f23 = 1/2  $\frac{1}{2} - \frac{1}{2} \pi_3 \leq 0$ 

