2 DECISION VARIABLES

XCE Z: # of furuiture sets to te acquired from Caroline Doodworks

Siviles for XNIXAIXL.

Recolos: 1 to me purdone antigée Caroline Woodworks; 0 observée Mile for 2 mi 34, 21.

2 OBJECTIVE FCT.

minimise 2,500 x + 10,000 tet ... Eplease don't de Rp in assignment (exams!

3 CONSTRAINTS!

Xc + XN + XA + XL = 2,000

(xc &1,000, xc & M.Zc

 \mathbb{U}

X 61,000-20

XN 61,200.2N

XA 6800

XL = 1,100.2L

XC, XN, XA, XL 20

Delavae Mius: 1000 1500 Delawar Mills "small" ×5, 25 add to the objective function! + 9,000. Zs + 2,530 xs + 7,000. Zs + 2,430 xs add Ne coustraints: Ky € 500 tb 2, 2, 23 € {0,13 to to te 1 1 xs = 1,000!

23 = XS 1,000 .