(7001)	· Objective function
Questionos	Min 2 3 1,6 a + 0,5 b + 1,4 c
· The goal:	Define constraints:
How much K of feed I and	- Por Antifreeze:
feed & to meet the minimum	60a + 18b + 75c > 50
stock requirements.	for anticorrosion:
· Variables!	100+36+007,5
X: Kgs of feed 1	- for 1 gollon;
y: Kgs of feed &	1 0 + 6 + 6 - 2
	a, b, c > 0
· Ojective functions	Questión 03 i
Min = 160x + 140y	. The goal:
· Define contraints:	How many hour of process 2 and 2
-for soy A:	to meet the demands and minimize
10 x + 4 y > 124	costs
-for corn B:	· Variables.
(3x + 5y) 60	X: Rows of process 1
x, y 7,0	y: howrs of process B
Question of:	· Objective Punction:
. The goal:	Min 2 = 25 x + 20 y
Which combination of A, Bard	. Define constraints:
C will provide a suitable	-Units of A:
solution at minimum cost	2 5 5 90
· Variables:	- Units of B:
a: amount of A used	6x + 5y 7, 120
b, amount of B used	x, y >, 0
c: amount of C used.	

Question 04. Xub: you bandley chuli used in state you hade . The goal Mpa Kas of A quisty this used How many items of X and Y to in parte chili produce in order do morining Xpb: Kgs of B quality chili used prolis · Variobles in paste ahuli X: number of iten X · Objective Punction Mose Z = 800 (Xna + X wb) y nuler of item y - Objective function: +500 (Xpa + Xpb) 3 Max 2 = 20x +30y - 10 · Constraints (13 x + 19 y) -2 (20 x - A quality chili Xwa + Xpa (5000 + 39 y) - B quolity chili · Deline Constraint ! XW6 + X pb (10000 - Machine time: - Whole jor chili Xwa Xwb > 018 13x + 19 y (60x40 - Groftsmon time: 35 => 0,2 xwa = 0,8 xw >,0 20x + 23y (60x35 _ Chili poste; - Items per week: XPa+Xpb),0,1 X 7, 10 x, y 7, 0 => 0, 9 x &a - 0, 1 x Pb >, 0 Question 05. Xwa, Xwb) 1Pa, xpb >0 . The goal: Question 06 How much to use of high . The goal: quality chili and low quality minimize the distribution chilis to moximize nevenue · Variable · Variables Xwa: Kgs of A quality chilis X: road between O, and P, used in whole jor

between O and O. · Objective Pun 8 x + 6 x + 10 x 13 1000 X11 ×12 1 ×13 1 × 22 1 × 22 1 × 23 /