

note: If suppose question would have also added that will reactor shall be used and operate for the production our fictionstraints of (1 would howe changed to = 1 and our answer would be different in that case. This case is termed as [87. -) So, for normal coure [A-] and above coye [B] we can

solve this problem in Excel solver for our curiosity and learn that in case (A) our answer about the mine = 210 whencer in case (B) our answer answer of mine = 225.

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	x11	x12	x13	x21	x22	x23	x31	x32	x33	LHS		RHS
Variable values	0	0	1	0	0	0	0	0	1			
Obj. Fun Coeff	50	80	100	65	90	120	70	90	110	Z	=	210
const1 Coeff	1	1	1							1	<=	1
const2 Coeff				1	1	1				0	<=	1
const3 Coeff							1	1	1	1	<=	1
const4 Coeff	80	140	170	100	140	215	112	153	195	365	>=	359
[B]												
	x11	x12	x13	x21	x22	x23	x31	x32	x33	LHS		RHS
Variable values	1	0	0	1	0	0	0	0	1			
Obj. Fun Coeff	50	80	100	65	90	120	70	90	110	Z	=	225
const1 Coeff	1	1	1							1	=	1
const2 Coeff				1	1	1				1	=	1
const3 Coeff							1	1	1	1	=	1
const4 Coeff	80	140	170	100	140	215	112	153	195	375	>=	359