> used to get integer solutions	Date
Expt. No	Page No
(Opp of primal Simplex method)	
Dial simpler luthod - Used to some 5 problems without using artificial variables	
nuin: Z=87, +472	
wit $\frac{31}{1912}$ \(\text{10}, \frac{5\chi_1 + \gamma_2 \frac{70}{190}}, \frac{5\chi_1 + \gamma_2 \frac{70}{190}}, \frac{5\chi_1 + \gamma_2 \frac{70}{190}}, \frac{7\chi_1 + \gamma_2 \frac{70}{190}	
= convert to man problem, with at least I -ve him constrain	
$max: -z = -8\pi, -4\pi_2 + 0s_1 + 0s_2$ wit	
$-\chi_1 - \chi_2 + S_1 = -40$	X, X2, S, S, >0
-57- 72+5260	Conditions#
Table 1 - coeff Basich 2, 22	· KNY BY & hase - ve
$i' \rightarrow 0 S_2 -5'' -1 -60$	Values
8 4 0	last pow
$\frac{(0x-1) + (0x-5) = (-8)}{= 8}$	
and its now is now i'	
- and MS HOW I TOUR E Smaller too	
As & is most regarthe5 is pivot & as is entering various	
- The exchange of variables . Ex creation of new table is	
Same as simplex method.	
> For this step N' has to be 20 & D' 1	has to be LD, choose
only pivot that is <0 Teacher's Sig	

Table 2 0 51 12 -> pivotal now divided by \$ povo -8 712 for other elements is pivotal wump divided by (-pivot) s'= (pivot*s) - 9,7 # Conditions are satisfied, hence use repeat

conditions NOT satisfied, hence optimal solution reached 72 = 35, x1=5, -Z* = -180, Z*= 180