## Oppgave 2

11 September 2024 13:48

a)

win  $Z = 4x_1 + 8x_2 + 3x_3$ Uir  $y_1 + y_2 + y_3 > 5$   $y_2 + y_3 > 5$   $y_1 + y_2 + y_3 > 5$ 

Blir til

$$Z = 4x, +8x_1 + 3x_3 + Man_1 + Mar_2$$
 (2)  
 $x_1 + y_2 + 5y + ay = 2 - (z)$   
 $2x_2 + x_3 + 5z + az = 0$  (2)

6)

Basis - carisble	Ear	Z Ki xz x3 Si 5za, az 12 H5 Forhold stest
7	(0)	1 1 1 2 1 1 - 1 - 1 0 0 7M
a,	(1)	0110-1010 2 2
ar	(2)	00210401 5 2,5
7	(0)	1 -240 m 28 -M 28 0 M +16
× 2	(1)	01107010 2 -2
92	(2)	0-2012-1-21 1 6.5
7	(o)	1-4010-4-4-70
× 2	(1)	001/20/2 2.5 6
۶,	(2)	0-10 1/2 1 1/2 0.5 1
<b>3</b>	(0)	1-200-2-3-12-13 19
× <sub>2</sub>	(I)	01,0-10,0 2
×7	(2)	0-2612-1-21