P: Write out symbolic solutions to solve the three variations of a generic hanging weight problem.

 $\mathbb{R}^{1}$   $\begin{array}{c} T_{2} \\ O_{2} \\ --- \end{array}$ 

O: To and W unknown
To and To are unknown
To and O are unknown

T2-(05 (02)	sin(02)	02
T1 cos(0,)	sin(0,)	0,
wo	-w	?

C: 
$$\sum_{x} x: -T_2 \cos(0_2) + T_1 \cos(0_1) + 0 = 0$$
  
D  $\geq y: T_2 \sin(0_2) + T_1 \sin(0_1) - \omega + 0 = 0$ 

2) -set for whomen value by moving unknowns
to the left

set this as a matrix in the calculator