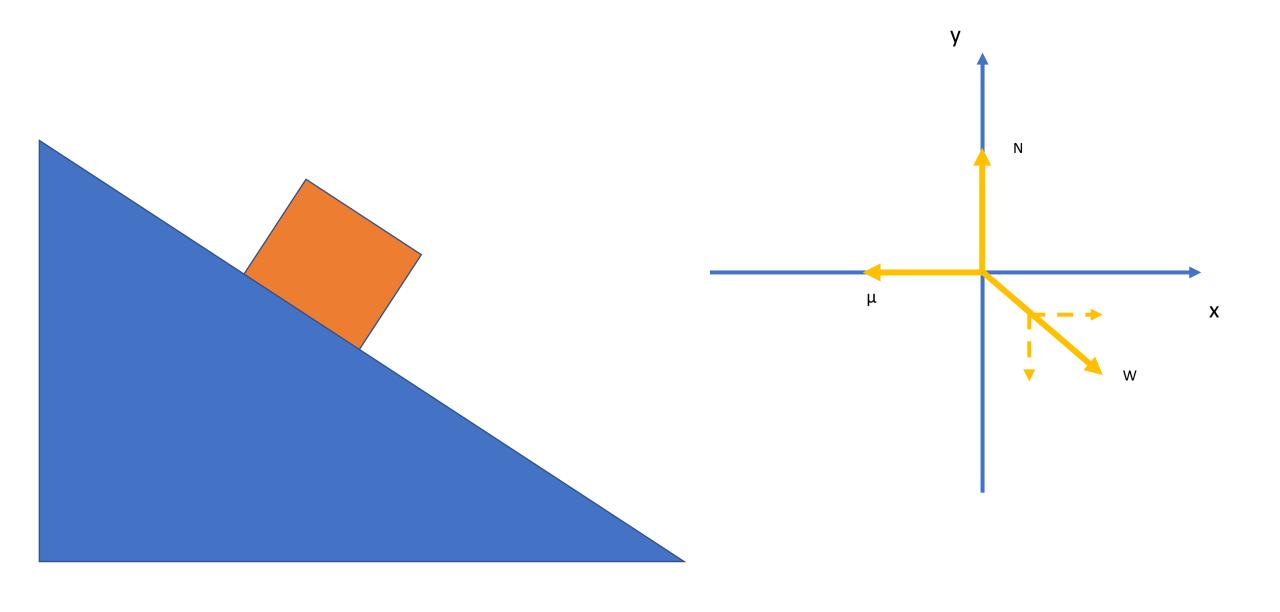
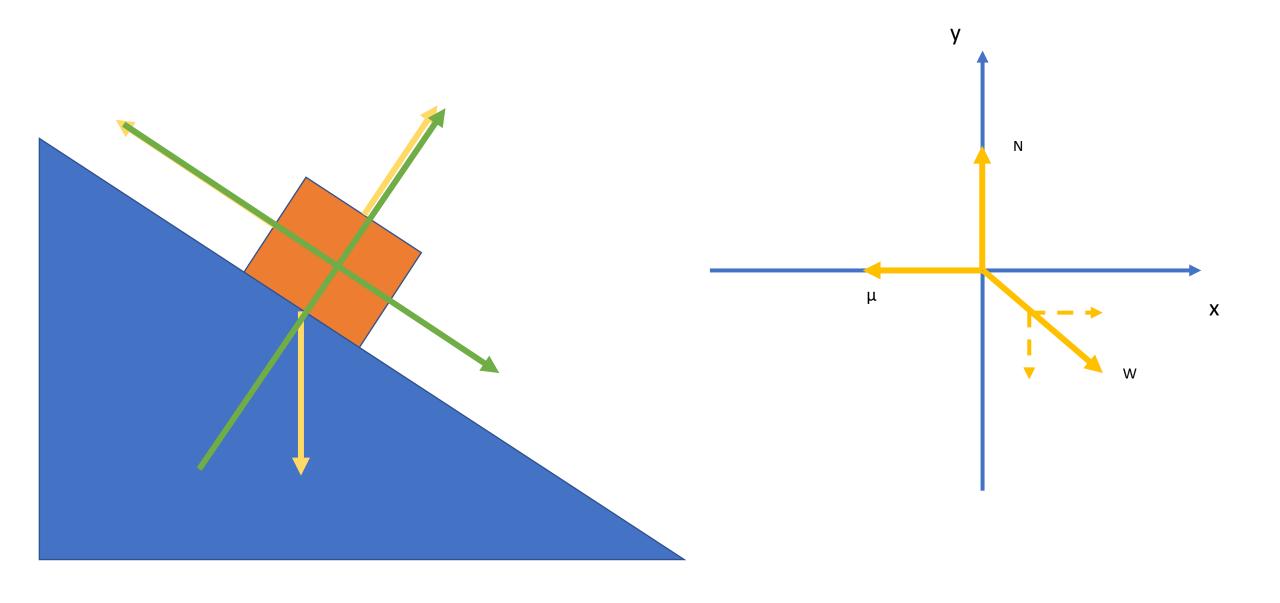
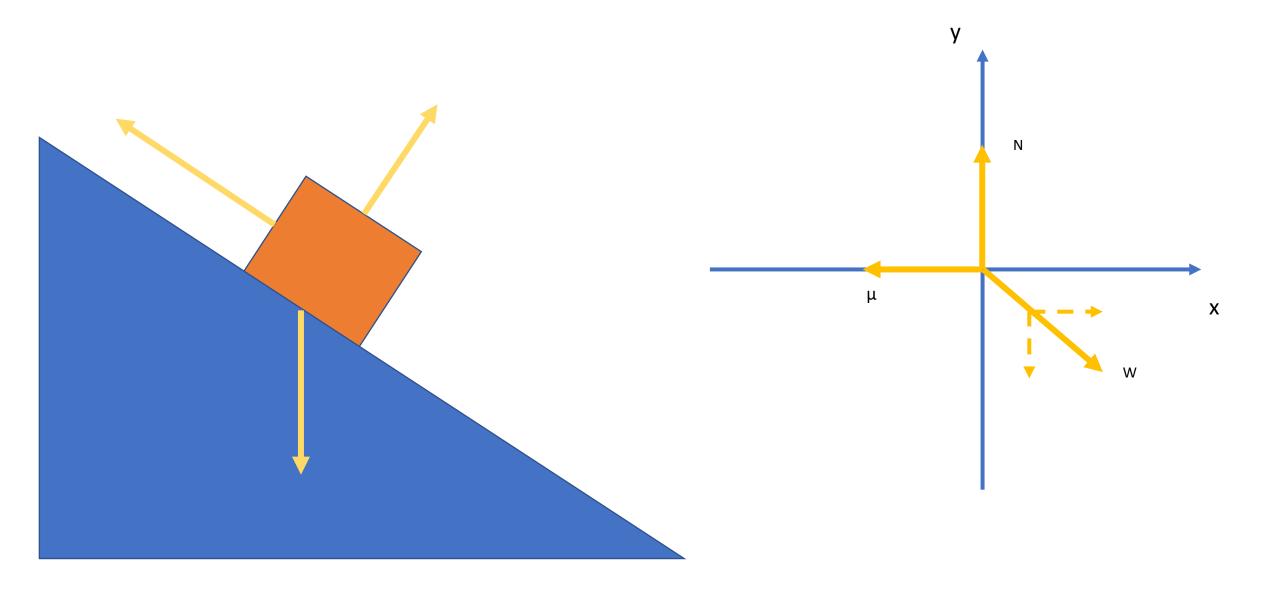
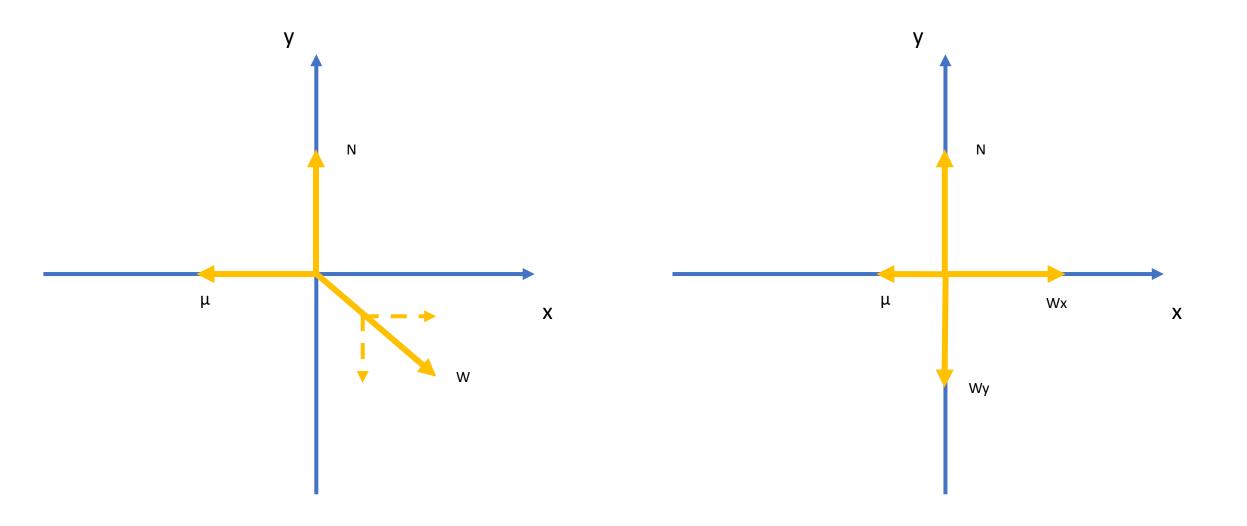
Plano Inclinado

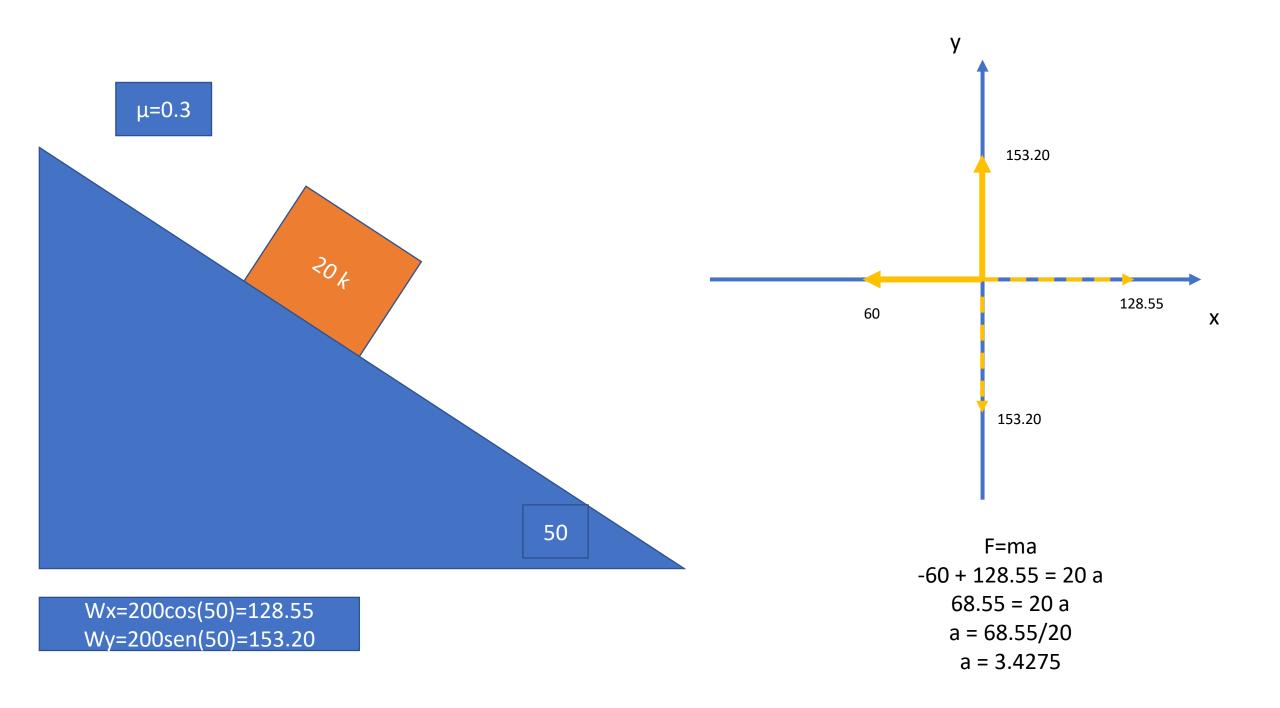


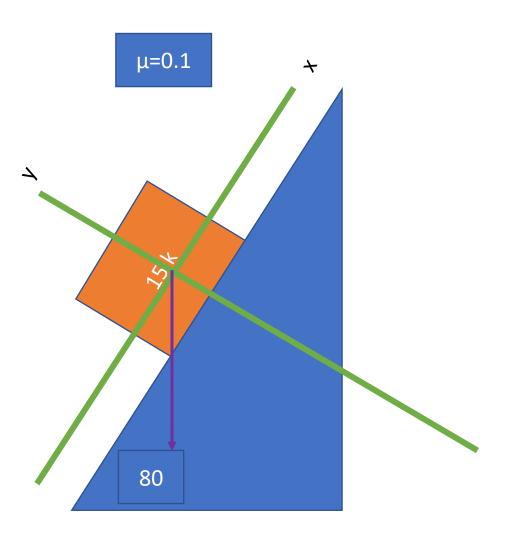




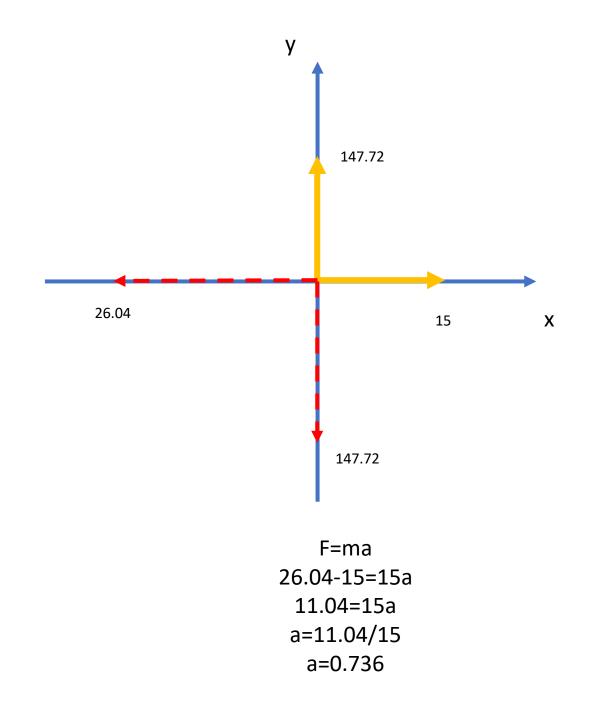


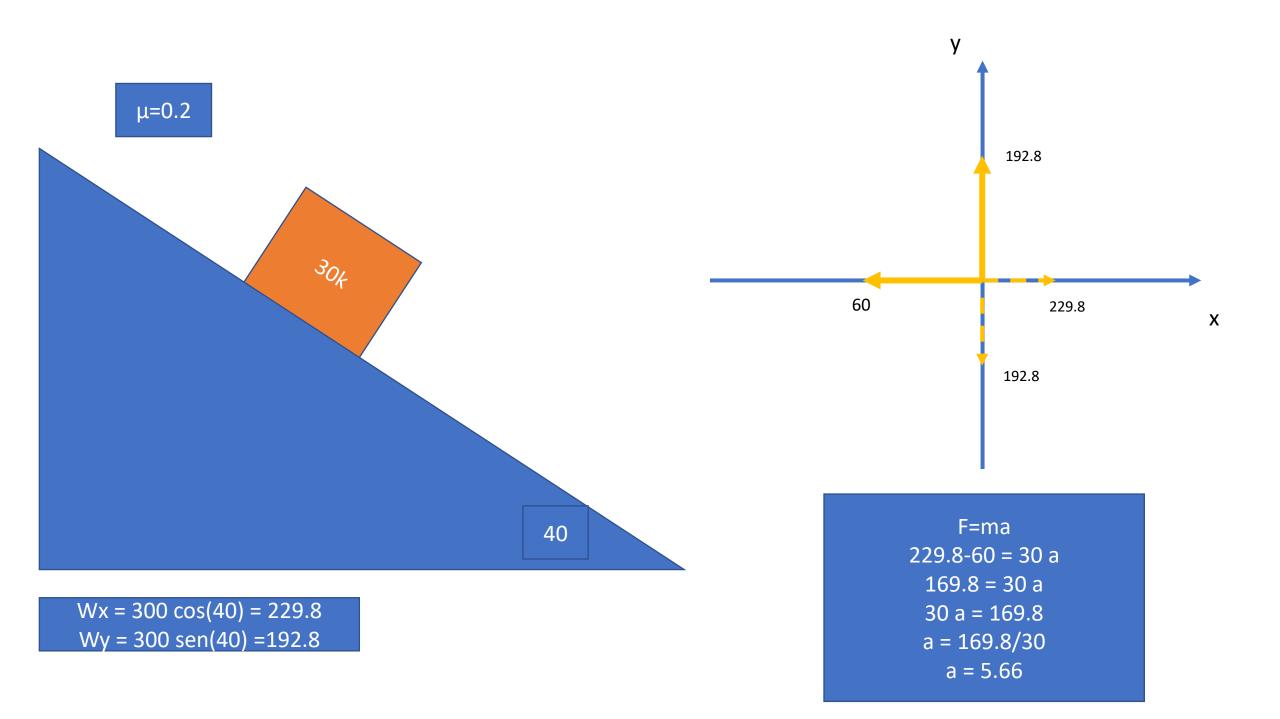
N=Wy



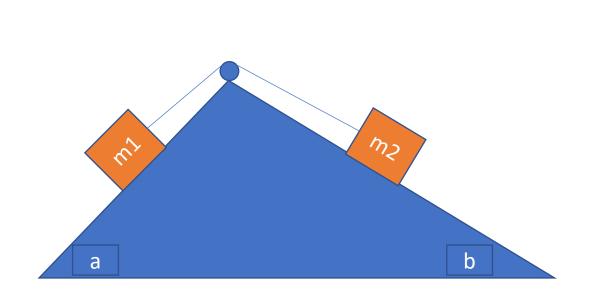


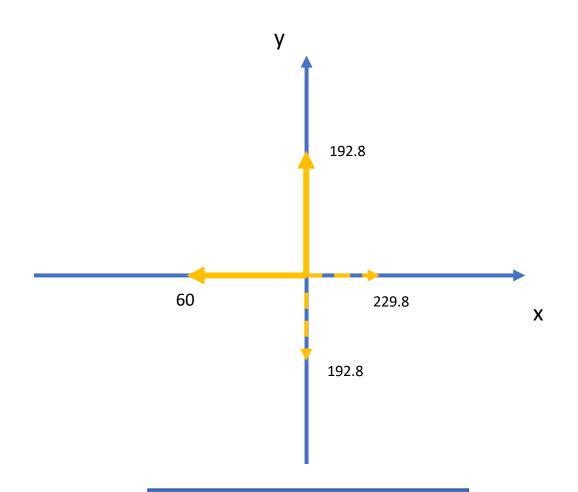
Wx= 150cos(80) = 26.04 Wy= 150sen(80) = 147.72



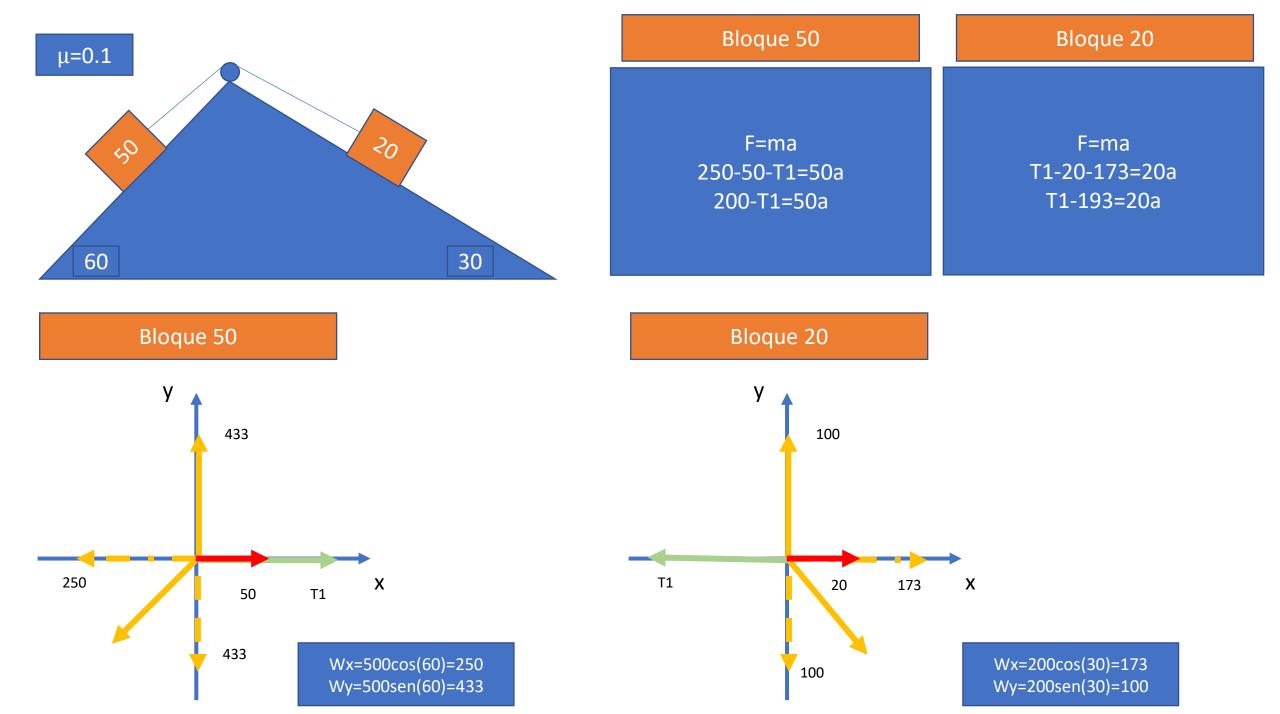


Sistema de Planos Inclinados





F=ma
229.8-60 = 30 a
169.8 = 30 a
30 a = 169.8
a = 169.8/30
a = 5.66



Bloque 20

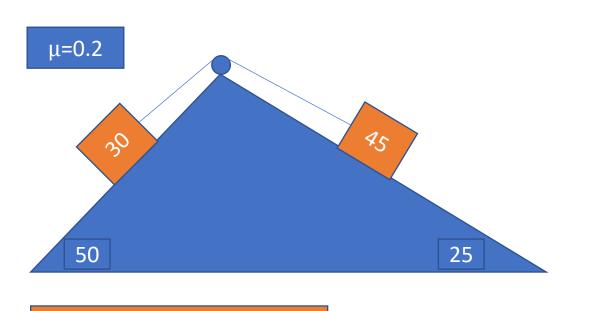
F=ma 250-50-T1=50a 200-T1=50a

F=ma T1-20-173=20a T1-193=20a

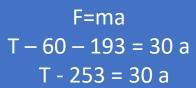
$$\begin{cases} 200 - T = 50a \\ T - 193 = 20a \end{cases}$$

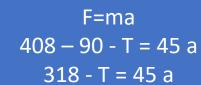
T=200-50a T=193+20a

200-50a=193+20a -50a-20a=193-200 -70a = -7 a= -7/-70 a=0.1 T=200-50a T=200-50(0.1) T=200-5 T=195

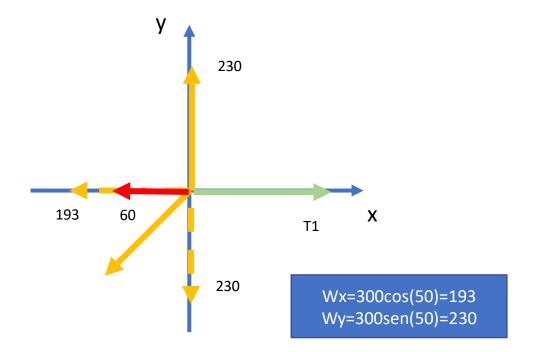


Bloque 45

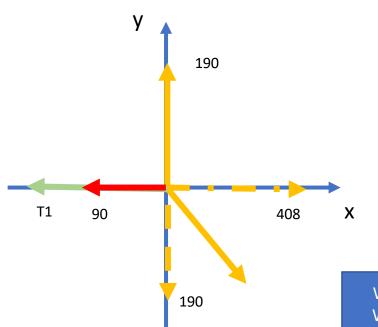








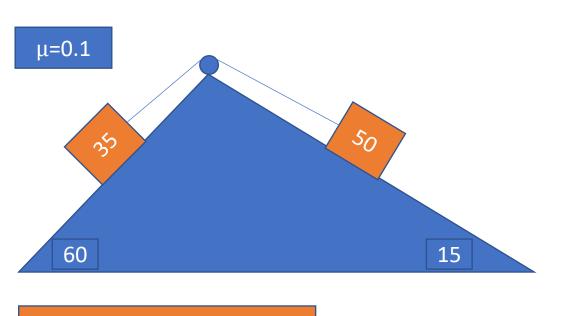
Bloque 45



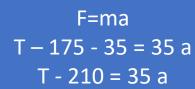
Wx=450cos(25)=408 Wy=450sen(25)=190

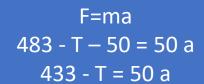
F=ma
$$T - 60 - 193 = 30 a$$
 $T - 253 = 30 a$

$$\begin{cases} 318 - T = 45a \\ T - 253 = 30a \end{cases}$$

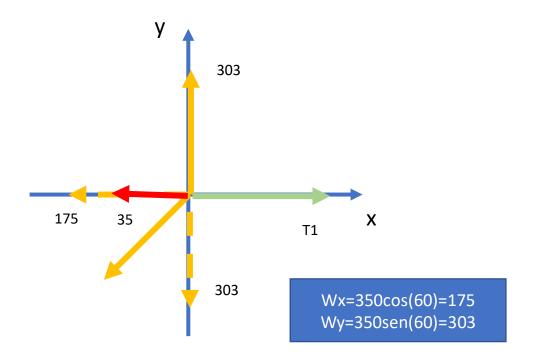


Bloque 50

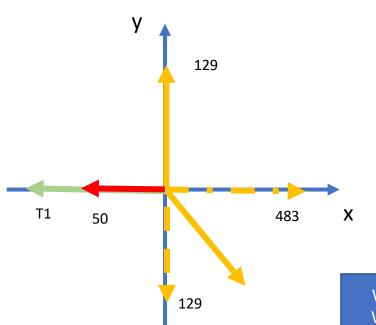




Bloque 35



Bloque 50



Wx=500cos(15)=483 Wy=500sen(15)=129

$$\begin{cases} 433 - T = 50a \\ T - 210 = 35a \end{cases}$$

$$T = 433 - 50 a$$

 $T = 35 a + 210$

$$T - 210 = 35 (2.62)$$

 $T - 210 = 91.7$
 $T = 301.7$