

EJERCICIOS

INTERACCIONES

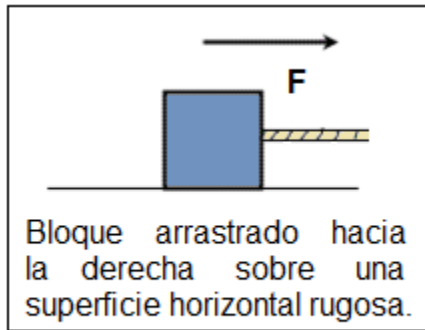
1.- Transforma los siguientes valores de fuerza:

- | | | | |
|-------------------|-----------------|------------------|------------------|
| a) 10000 din a Kp | b) 24 pon a din | c) 2500 pon a N. | d) 40000 din a N |
| e) 6,3 Kp a N | f) 0,6 Kp a din | g) 1,3 N a pon | h) 12000 N a Kp |

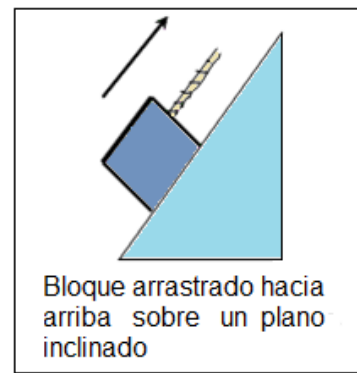
Resp: a) 0,01 Kp b) 23520 din c) 24,5 N d) 0,4 N e) 61,7 N f) 580000 din g) 132,6 pon
h) 1224,4 Kp

2.- Dibuja el diagrama de cuerpo aislado de las siguientes situaciones:

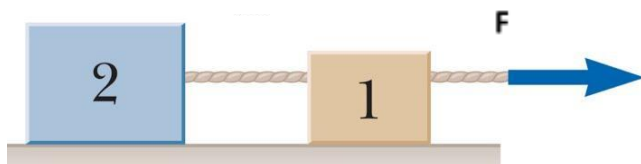
a)



b)



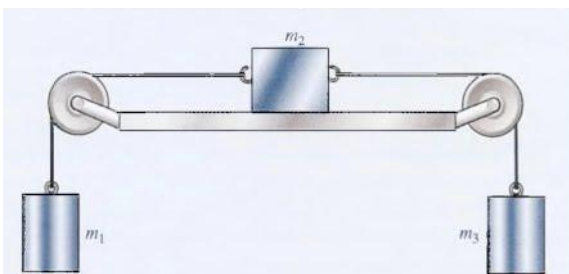
c)



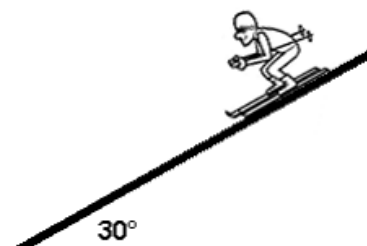
d)



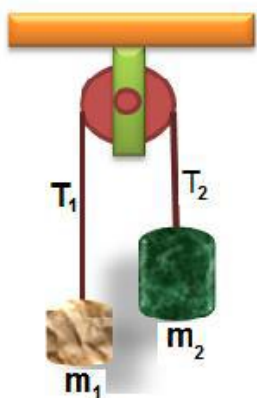
e)



f)



g)

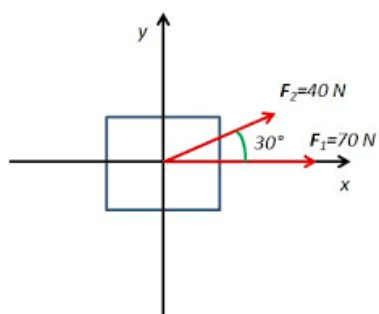


h)

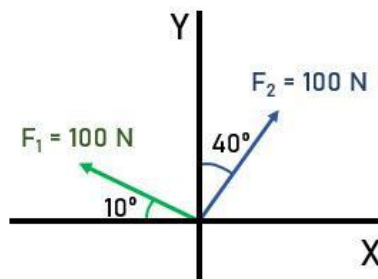


3.- Determina la fuerza resultante de cada cuerpo en los siguientes casos:

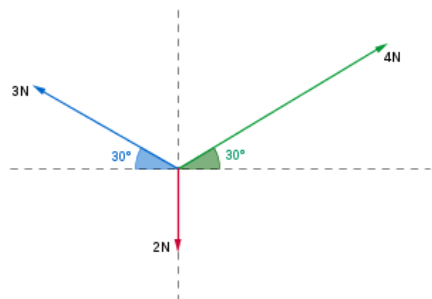
a)



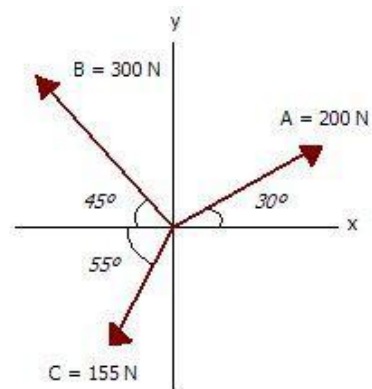
b)



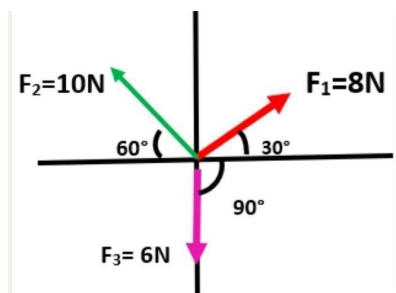
c)



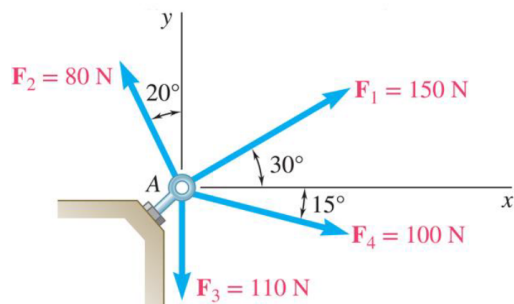
d)



e)



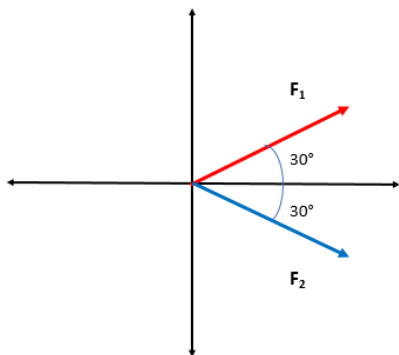
f)



g)

$$F_1 = 10\text{ N}$$

$$F_2 = 15\text{ N}$$



h)

$$F_A = 5\text{ N}$$

$$F_B = 3\text{ N}$$

