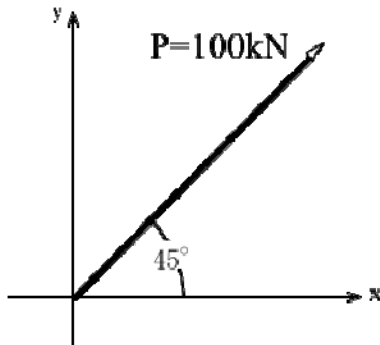


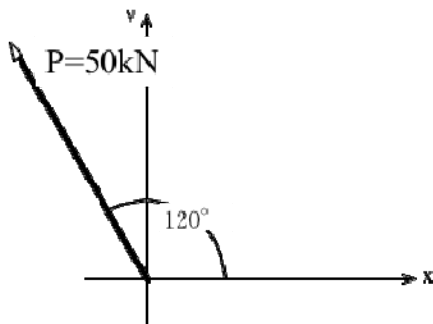
演習問題：力の合成と分解

1. P の水平分力 P_x と鉛直分力 P_y を求め、図示せよ.

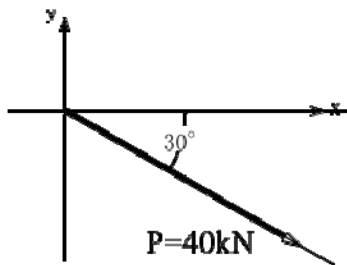
(1)



(2)

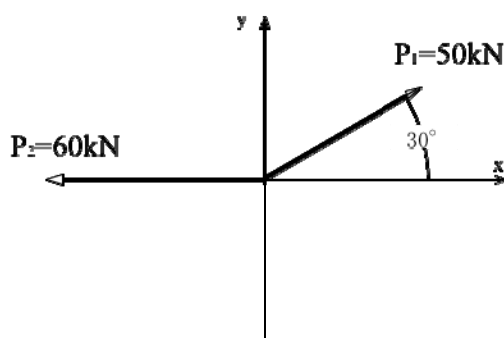


(3)

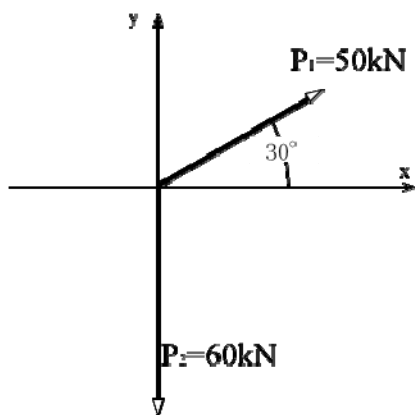


2. 1 点に作用する 2 つの力 P_1 と P_2 の合力 R とその方向 θ を求め、図示せよ.

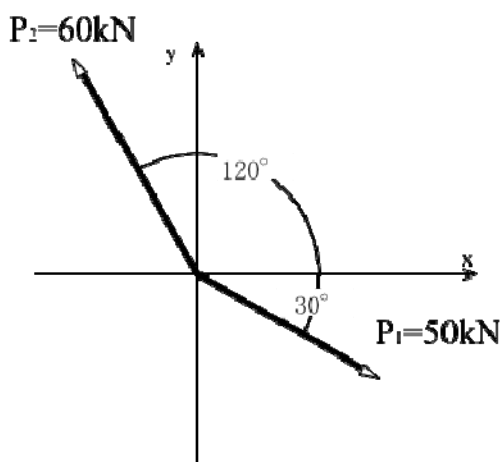
(1)



(2)

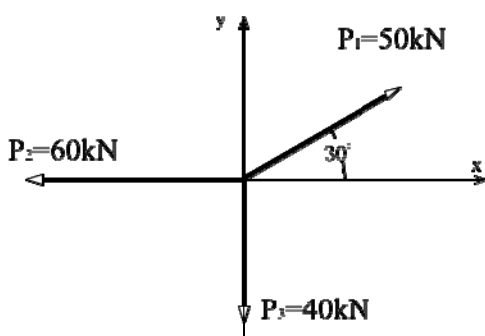


(3)

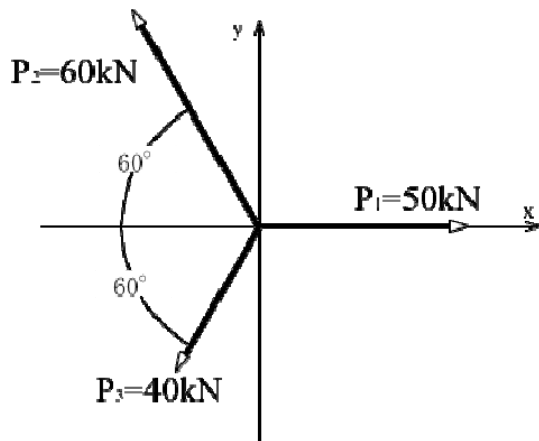


3. 1 点に作用する 3 つの力 P_1 , P_2 , P_3 の合力とその方向(角度)を求め, 図示せよ.

(1)

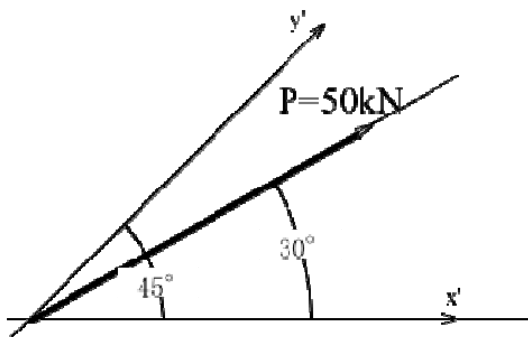


(2)



4. 力 P の x' 方向と y' 方向の分力を求めよ.

(1)



(2)

