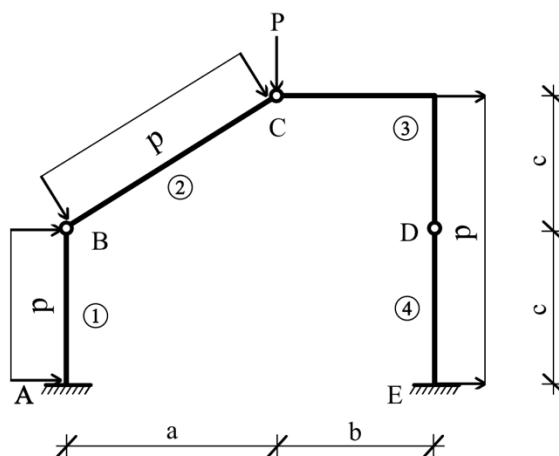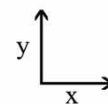### 4. Calculate the support and joint reactions of the structure! (7 points)

What should be done with a skew distributed force?

Data	P [kN]	p [kN/m]	a [m]	b [m]	c [m]
Example	20	10	4	3	3
Individual					

The data marked by grey colour should be given as signed value, for all the other data only the size is questioned. Positive: $\rightarrow \uparrow \sim$.

Results	A_x [kN]	A_y [kN]	B_x [kN]	B_y [kN]	C_{2x} [kN]	C_{2y} [kN]	C_{3x} [kN]	C_{3y} [kN]
Example	-39,29	24,29	9,29	24,29	20,71	15,71	20,71	35,71
Individual								

D_x [kN]	D_y [kN]	E_x [kN]	E_y [kN]	M_A[kNm]	M_E [kNm]
50,71	35,71	-80,71	35,71	-72,87	-197,13