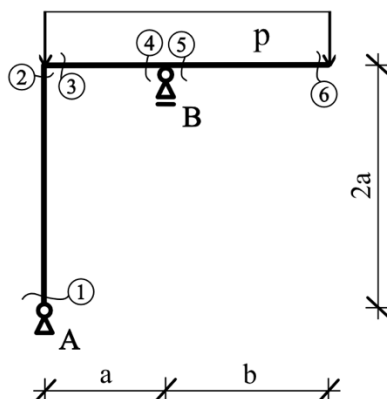


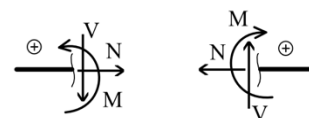
3. Draw the internal force diagram of the structure! (7 + 6 points)

The internal force diagrams should be handed in in paper format!



Data	p [kN/m]	a [m]	b [m]
Example	5	3	4
Individual			

The data marked by grey colour should be a signed value! Supports: positive \uparrow, \rightarrow .



Results	N_1	N_2	N_3	N_4	N_5	N_6
Example	+5,83	+5,83	0	0	0	0
Individual						
	V_1	V_2	V_3	V_4	V_5	V_6
Example	0	0	-5,83	-20,83	+20	0
Individual						
	M_1	M_2	M_3	M_4	M_5	M_6
Example	0	0	0	-40	-40	0
Individual						

	b_{3-4} [kNm]	b_{5-6} [kNm]	A_x [kN]	A_y [kN]	B_y [kN]
Example	5,63	10	0	-5,83	+40,83
Individual					