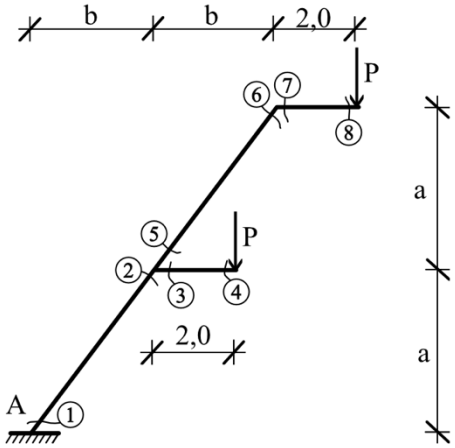
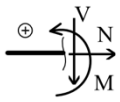
4. Draw the internal force diagrams of the structure! (8 + 9 points)

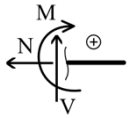
The internal force diagrams should be handed in in paper format!



Data	$P\ [kN]$	$a\ [m]$	$b\ [m]$
Example	5	4	3
Individual			

The data marked by grey colour should be a signed value! Supports: positive ↑, →, ↷.





Results	N_1	N_2	N_3	N_4	N_5	N_6	N_7	N_8
Example	-8	-8	0	0	-4	-4	0	0
Individual								
	V_1	V_2	V_3	V_4	V_5	V_6	V_7	V_8
Example	6	6	5	5	3	3	5	5
Individual								
	M_1	M_2	M_3	M_4	M_5	M_6	M_7	M_8
Example	-65	-35	-10	0	-25	-10	-10	0
Individual								

	A_x [kN]	A_y [kN]	M_A [kNm]
Example	0	+10	-65
Individual			