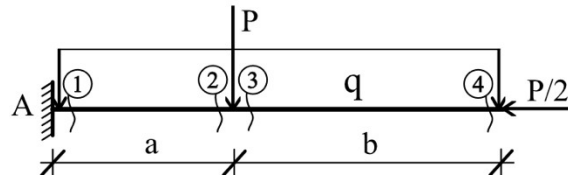


3. Calculate the internal force diagrams (N, V, M) of the beam! (2 + 3 points)

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

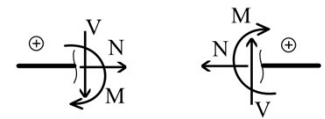


Data	P [kN]	q [kN/m]	a [m]	b [m]
Example:	6	2	2	3
Individual:				

Example results:

The data marked by grey colour should be a signed value!

Supports: positive \uparrow, \rightarrow . Internal forces: according to figure!



Results	N_1	N_2	N_3	N_4
Example:	-3	-3	-3	-3
Individual:				
	V_1	V_2	V_3	V_4
Example:	+16	+12	+6	0
Individual:				
	M_1	M_2	M_3	M_4
Example:	-54	-9	-9	0
Individual:				

	b_{1-2} [kNm]	b_{3-4} [kNm]
Example:	1	2,25
Individual:		