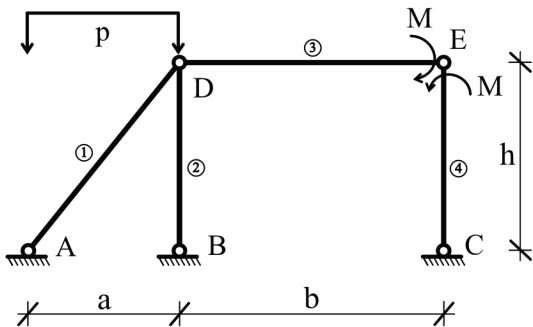**4. Draw the free-body diagram and N, V, M diagrams of the structure! (8 + 8 points)**

<u>**Scan your calculations and internal force diagrams and submit them in Moodle!**</u>
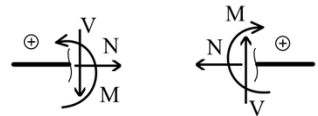

<u>Example data:</u>

Data	$p\ [kN/proj.m]$	$M\ [kNm]$	$a\ [m]$	$b\ [m]$	$h\ [m]$
example	5	2	2	3	3
individual					

<u>Example results:</u>

The data indicated with grey colour should be given as signed value at the web site! positive supports: ↑ →.

Results	N_{1A}	N_{1D}	N_{2B}	N_{2D}	N_{3D}	N_{3E}	N_{4E}	N_{4C}
example								
individual								
	V_{1A}	V_{1D}	V_{2B}	V_{2D}	V_{3D}	V_{3E}	V_{4E}	V_{4C}
example								
individual								
	M_{1A}	M_{1D}	M_{2B}	M_{2D}	M_{3D}	M_{3E}	M_{4E}	M_{4C}
example								
individual								

Results	M_{max} [kNm]	A_x [kN]	A_y [kN]	B_x [kN]	B_y [kN]	C_x [kN]	C_y [kN]
example							
individual							