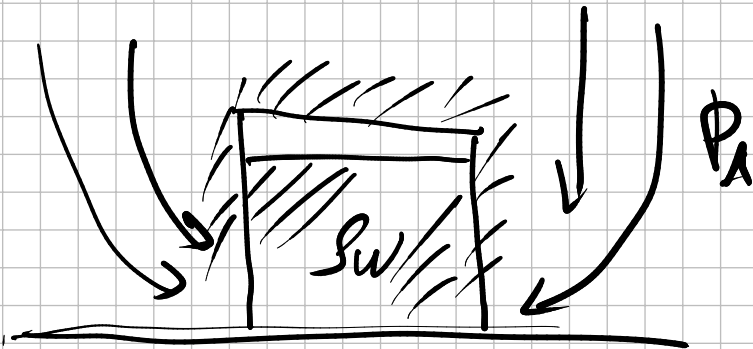
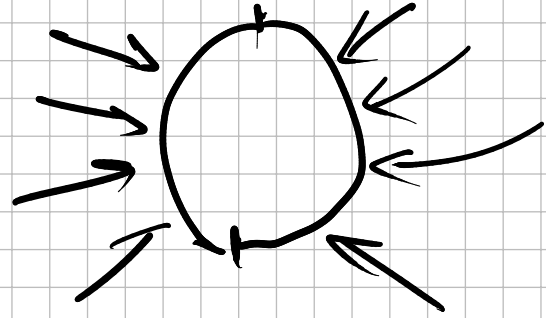
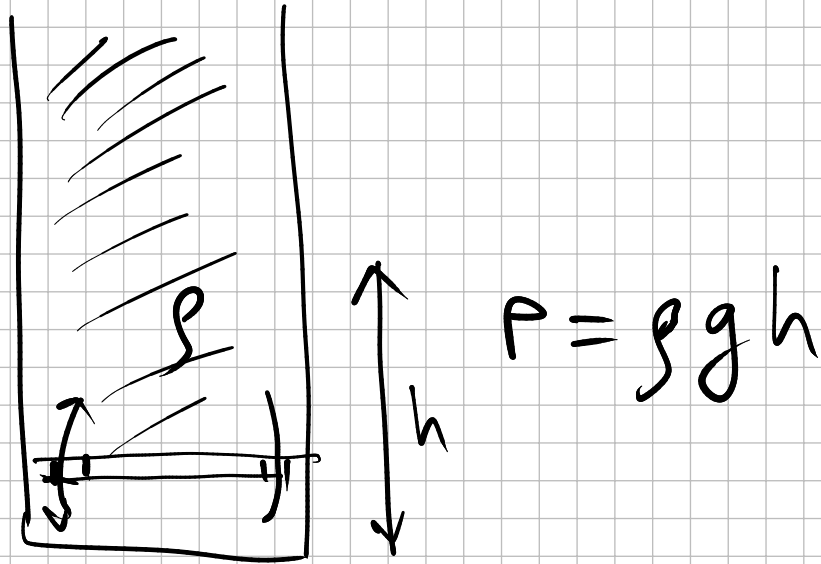
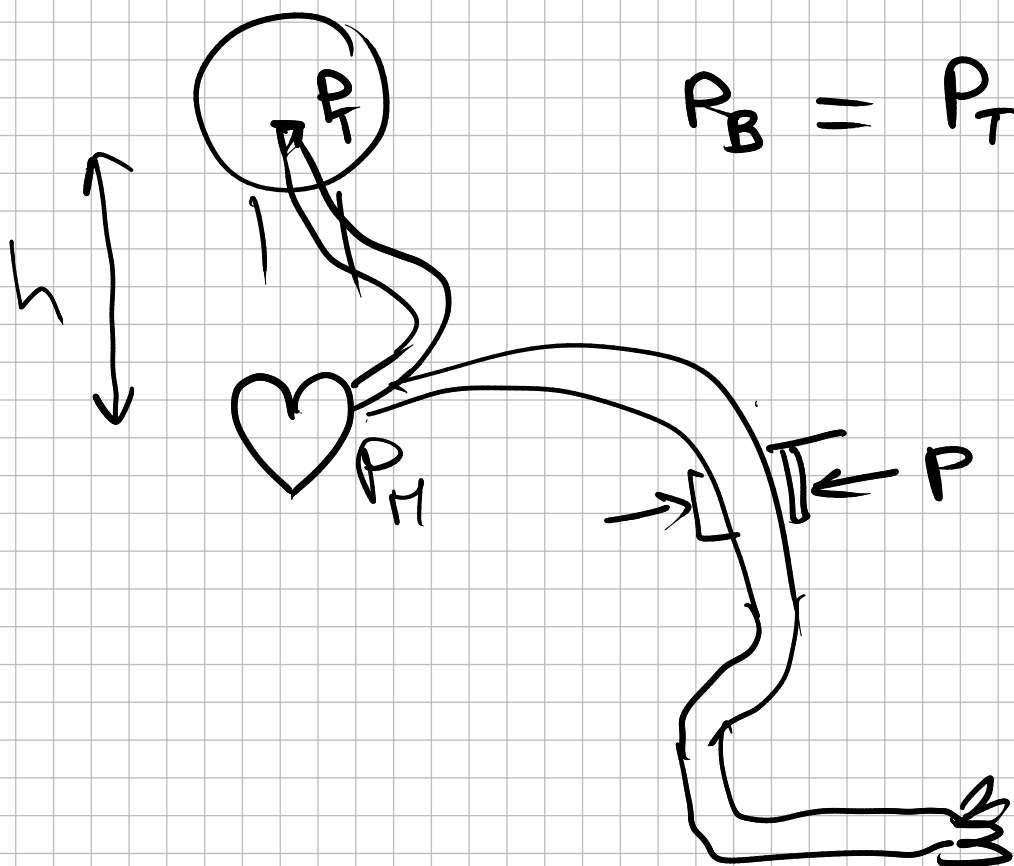


# Fluids

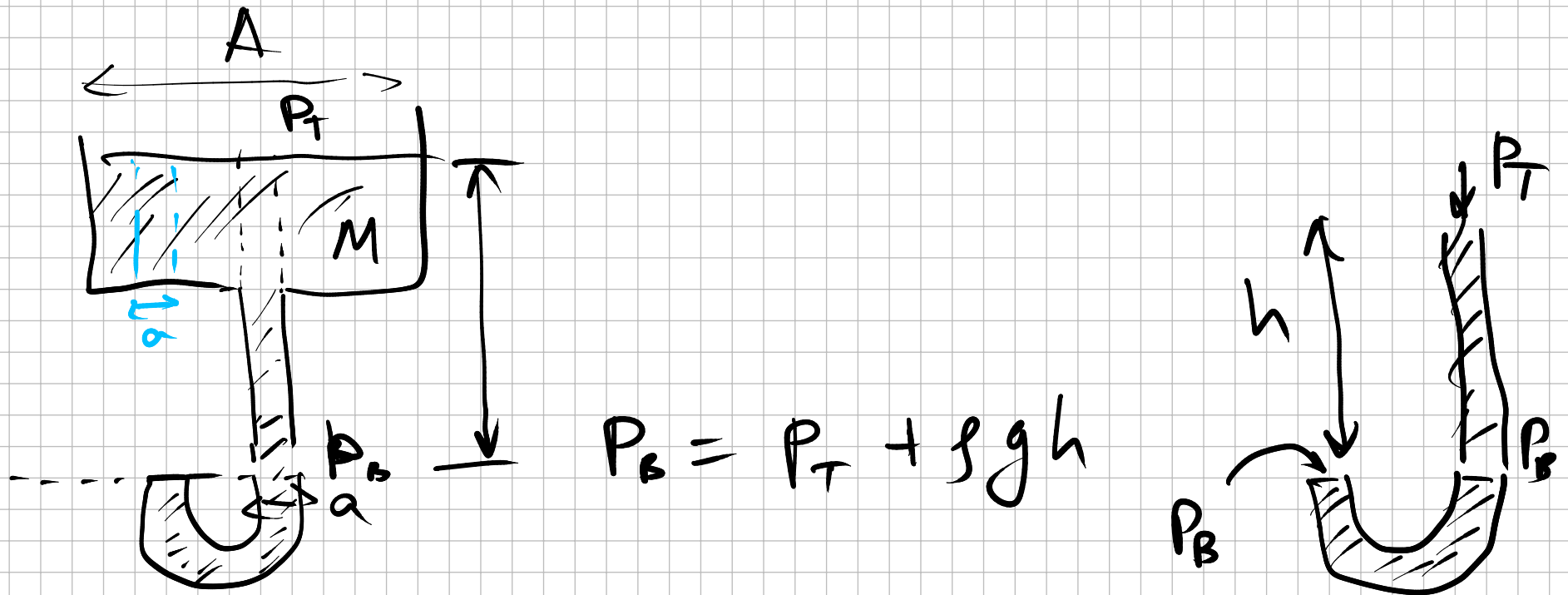




$$P_B = P_T + \rho g h$$

123  
52

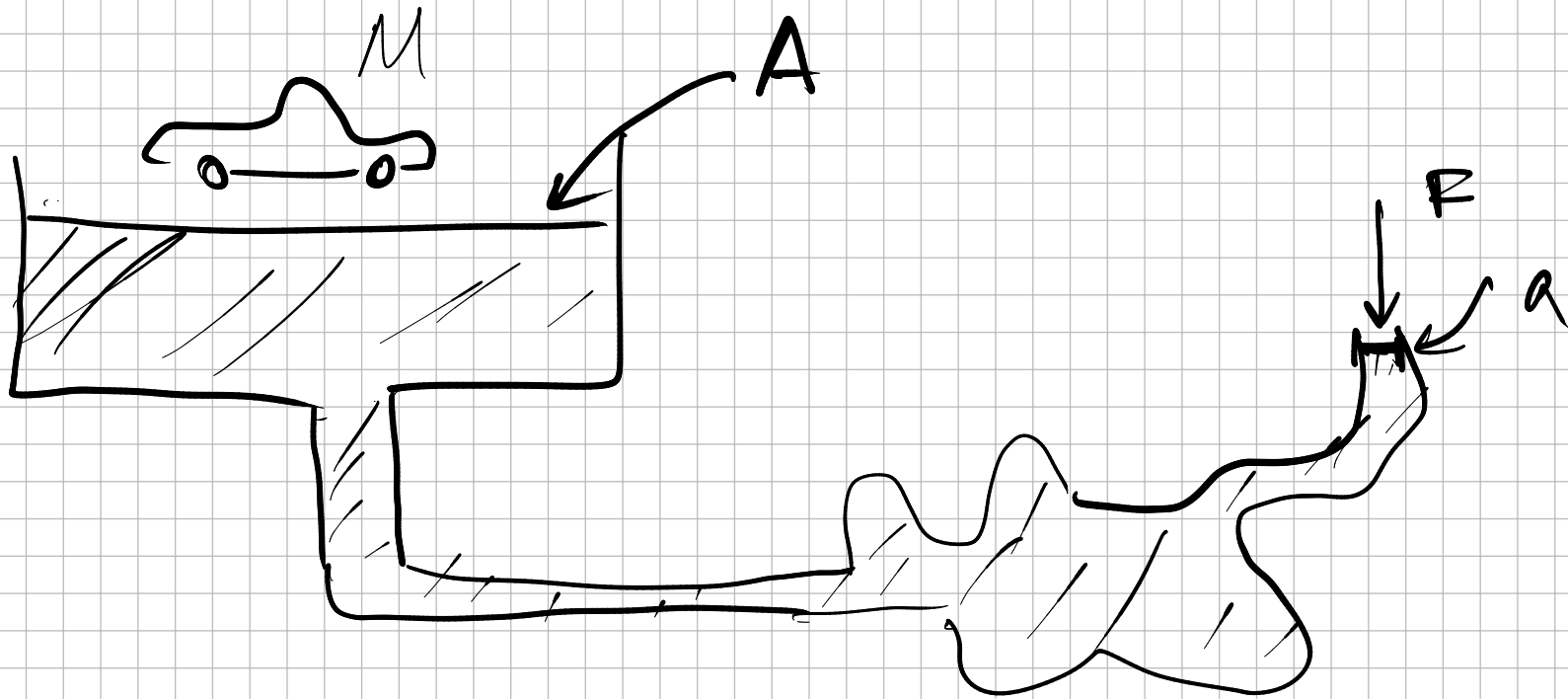
144 Hi  
101 Low



## Pascal Principle

If you change pressure by some amount somewhere in the fluid, the same change is seen everywhere in the fluid

Hydraulic Lift



$$P_{\text{add}} = \frac{Mg}{A} = \frac{F}{a}$$

$$Mg = \frac{A}{a} F$$

# Power break

