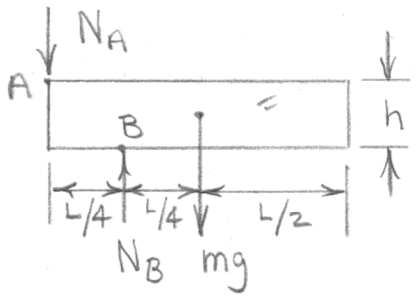
3/14



$\uparrow \Sigma F = 0$: $N_B - N_A - mg = 0$

$\circlearrowleft_+ \Sigma M_A = 0$: $N_B\left(\frac{L}{4}\right) - mg\left(\frac{L}{2}\right) = 0$

Solution: $\begin{cases} N_A = mg \quad (\text{down}) \\ N_B = 2mg \quad (\text{up}) \end{cases}$

The height h has no bearing on the above results, assuming no friction at A and B.