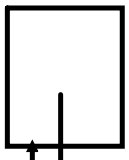
Air pressure is balanced all around.

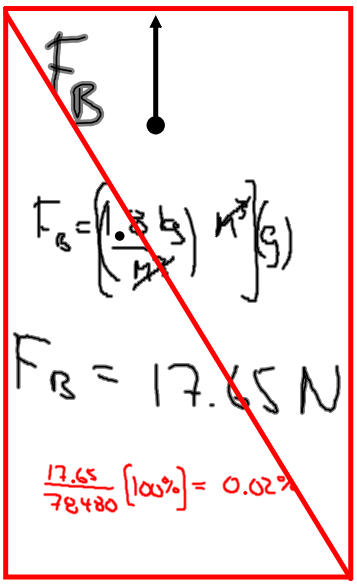
Buoyancy is negligible.



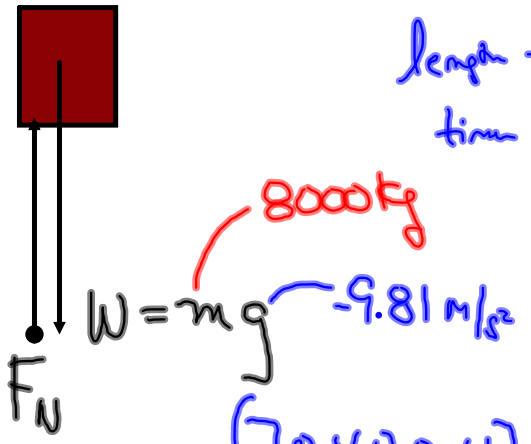
$F_N = ?$

$W = mg = (8000)(9.81) = 78{,}480\ \underline{N}$

20




*The buoyant force (in our atmosphere ) is negligible.*




SI = System International

mass → kilogram

length → meter

time → sec