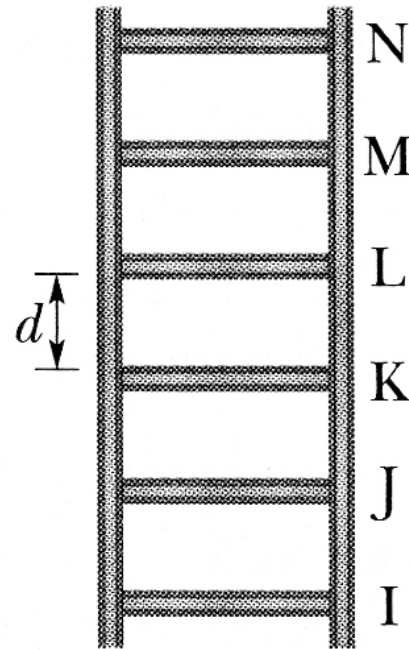
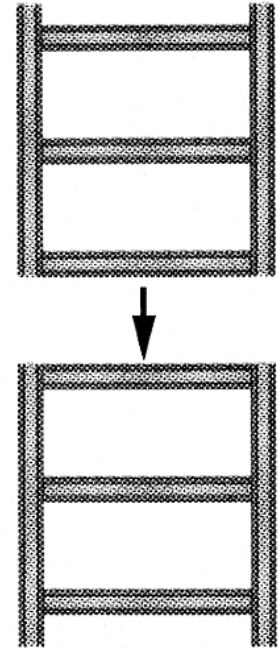


Assume the position

In the section of a tall building (a), the infrastructure of any given floor K must support the weight of all the higher floors. Normally, this infrastructure is constructed with a safety factor s so it can withstand a downward force of sW .



(a)



(b)