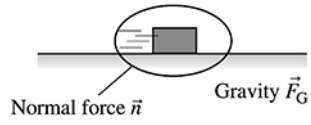
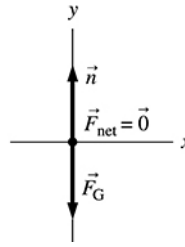


5.25. Visualize:

Force identification



Free-body diagram



**Assess:** The problem says that there is no friction and it tells you nothing about any drag; so we do not include either of these forces. The only remaining forces are the weight and the normal force.