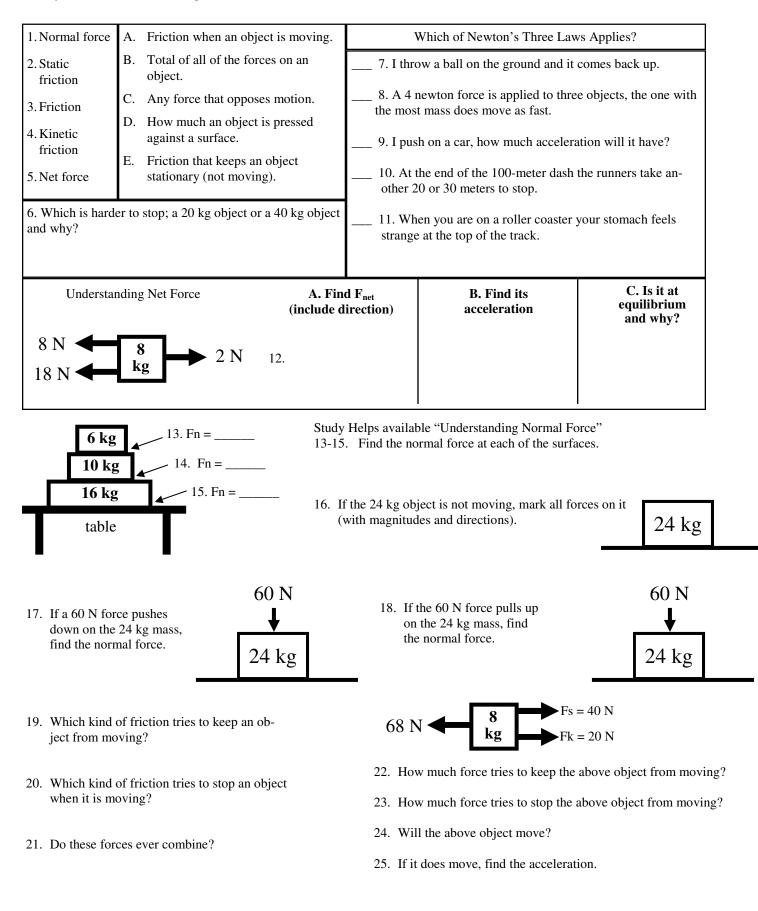
## Forces 2



## Forces 2

- Use the diagram at the right to answer the following: 26. Find and mark the weight of the object.
- 27. Find and mark the normal force on the object.
- 28. Using the equations I gave you: A) If  $\mu_s = 0.75$ , find the force of static friction.
  - B) If  $\mu_k = 0.45$ , find the force of kinetic friction.
- 29. Is a virus alive?
- 30. How does a virus "reproduce"?
- 31. Give two examples of how we have a metabolism.
- 32. Give two examples of you maintaining homeostasis.
- 33. (Actual TAKS question) "One characteristic shared by a virus and a living cell is that both A. store genetic information in nucleic acids.
  - B. have a crystalline structure.
  - C. gain energy directly from the sun.
  - D. use glucose for respiration."

## 25 kg