

## **Module 1: Review: DID YOU GET IT?**

### **CHAPTER 1**

1. Why would you have a hard time learning and understanding physiology if you did not also understand anatomy?
2. At which level of structural organization is the stomach? A glucose molecule? A cell nucleus?
3. In addition to being able to metabolize, grow, digest food, and excrete wastes, what other functions must an organism perform if it is to survive?
4. Oxygen is a survival need. Why is it so important?
5. When we say that the body demonstrates homeostasis, do we mean that conditions in the body are unchanging? Explain your answer.
6. When we begin to become dehydrated, we usually get thirsty, which causes us to drink liquids. Is the thirst sensation part of a negative or positive feedback control system? Defend your choice.
7. Why is understanding anatomical position important to an anatomy student?
8. The axillary and the acromial areas are both in the general area of the shoulder. To what specific body area does each of these terms apply?
9. Which kind of section would cut the brain into anterior and posterior parts?
10. If you wanted to separate the thoracic cavity from the abdominal cavity of a cadaver, which type of section would you make?
11. Of the spinal cord, small intestines, uterus, and heart, which are in the dorsal body cavity?