

8th Grade Science

Human Body Systems & Health Book

Chapter One: Body Organization and Structure

Section One & Two: Body Organization & The Skeletal System (pg 2-11)

Answer each of the following questions on a piece of notebook paper, in a complete sentence, restating the question in your answer. Failure to follow these rules will result in the student having to rewrite the assignment to earn their points.

1. Cells need what three things to happen in order to survive?
2. What are the four main types of body tissue?
3. How many organ systems are in the human body?
4. What are the organ systems in the human body?
5. The human skeleton has 206 bones. The human skull has 22 bones. What percentage of human bones are skull bones?
6. Tanya went to a restaurant and ate a hamburger. Describe how Tanya used five organ systems to eat and digest her hamburger.
7. How many bones does an average human have?
8. What four jobs do bones have?
9. Compare compact bone with spongy bone.
10. Describe two places on your body where cartilage is not replaced by bone in your body.
11. Name four types of joints found in the human body.
12. What is the job of cartilage in a joint?
13. What does it mean if someone suffers from a dislocation?
14. What does it mean if someone suffers from a sprain?
15. A broken bone usually heals in about 6 weeks. A mild sprain takes one-third as long to heal. In days, about how long does it take a mild sprain to heal?