

Structure and Function in Living Systems

Name:

Brainpop—Skeleton

Period:

Watch the Brainpop on the Skeleton, then answer the questions below. You can also use Chapter 15, Section 2 of your textbook if you are getting stuck.

- _____ 1. Which is NOT a function of the skeleton?
- providing a framework for soft tissues
 - helping you move around
 - excreting waste from the body
- _____ 2. Which is NOT a type of bone found in your skeleton?
- spongy bone
 - slippery bone
 - compact bone
- _____ 3. What fills the hollow of most bones?
- bone blood
 - bone marrow
 - bone mucus
- _____ 4. Which mineral do bones store?
- calcium
 - magnesium
 - iron
- _____ 5. How many bones does an average adult human have?
- 206
 - 250
 - 307
- _____ 6. The spine is made up of little ring-shaped bones called...
- vertebrates
 - verdigris
 - vertebrae
- _____ 7. What does the cartilage between bones do?
- allow the nerves in adjacent bones to communicate with one another
 - provide padding and protection against wear and tear
 - prevent bones from overheating
- _____ 8. What is one of the functions of marrow?
- creating blood cells
 - absorbing shock from bone-on-bone impact
 - prevent bones from overheating
- _____ 9. Bones are connected at places called...
- ligaments
 - connections
 - joints
- _____ 10. What do tendons do?
- attach skin to bones
 - attach muscles to bones
 - provide support for internal organs



In the cartoon, you saw Moby taking an X-ray of Tim's head so you can see Tim's skull. What is the job of the skull in your skeletal system?