

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Skeletal System Science Worksheet

Topic: *The Skeletal System*

Instructions: *Choose the best answer for each question.*

**1. What is the primary function of the skeletal system?**

- A) To circulate blood throughout the body
  - B) To protect organs, support the body, and enable movement
  - C) To produce hormones
  - D) To digest food
- 

**2. What is the hard, outer layer of bones called?**

- A) Spongy bone
  - B) Cartilage
  - C) Bone marrow
  - D) Compact bone
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**3. What type of tissue connects bones to muscles, allowing movement?**

- A) Tendons
  - B) Ligaments
  - C) Cartilage
  - D) Marrow
- 

**4. How many bones are in the adult human body?**

- A) 106
  - B) 206
  - C) 306
  - D) 406
- 

**5. What is the name of the bone that protects the brain?**

- A) Sternum
- B) Vertebrae
- C) Skull
- D) Pelvis

**6. Which of the following is a function of bone marrow?**

- A) Producing blood cells
  - B) Protecting the spinal cord
  - C) Storing calcium
  - D) Supporting the joints
- 

**7. What is the longest bone in the human body?**

- A) Humerus
  - B) Femur
  - C) Tibia
  - D) Radius
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**8. What type of joint is found in the shoulder and hip, allowing a wide range of movement?**

- A) Hinge joint
  - B) Ball and socket joint
  - C) Pivot joint
  - D) Saddle joint
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**9. Which part of the skeletal system is responsible for protecting the heart and lungs?**

- A) Pelvis
  - B) Spine
  - C) Rib cage
  - D) Skull
- 

**10. What is the name of the tissue that cushions the ends of bones at joints and prevents them from rubbing together?**

- A) Ligament
- B) Tendon
- C) Cartilage
- D) Marrow

***Answer Key:***

1. B
2. D
3. A
4. B
5. C
6. A
7. B
8. B
9. C
10. C