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Crash Course Anatomy & Physiology #20: Joints

Name: _____ Date: _____

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1. The human skeleton is made up of _____ bones.
2. In addition to bones, the skeletal system includes _____ and fibrous connective tissue.
3. _____ are the meeting places between two or more bones.
4. The skeleton is divided into the axial skeleton and the _____ skeleton.
5. The _____ skeleton includes the skull, vertebral column, and thoracic cage.
6. The _____ vertebra supports the skull and is named after a figure from Greek mythology.
7. The 12 pairs of ribs and sternum form the _____ cage.
8. The _____ skeleton includes the limbs and the pectoral and pelvic girdles.
9. Non-moving joints, like those between skull bones, are called _____.
10. Partly-moving joints, like the pubic symphysis, are called _____.
11. Fully movable joints, such as the knee and elbow, are called _____.
12. The most common type of joints in the body are _____ joints, which are freely movable.
13. The fluid inside synovial joints that reduces friction is called _____ fluid.
14. The bending movement that decreases the angle of a joint is called _____, while straightening it is called _____.
15. The ability to touch your thumb to your fingertips, thanks to a saddle joint, is called _____.

Crash Course Anatomy & Physiology #20: Joints KEY

1. The human skeleton is made up of **206** bones.
2. In addition to bones, the skeletal system includes **cartilage** and fibrous connective tissue.
3. **Joints** are the meeting places between two or more bones.
4. The skeleton is divided into the axial skeleton and the **appendicular** skeleton.
5. The **axial** skeleton includes the skull, vertebral column, and thoracic cage.
6. The **atlas** vertebra supports the skull and is named after a figure from Greek mythology.
7. The 12 pairs of ribs and sternum form the **thoracic** cage.
8. The **appendicular** skeleton includes the limbs and the pectoral and pelvic girdles.
9. Non-moving joints, like those between skull bones, are called **synarthroses**.
10. Partly-moving joints, like the pubic symphysis, are called **amphiarthroses**.
11. Fully movable joints, such as the knee and elbow, are called **diarthroses**.
12. The most common type of joints in the body are **synovial** joints, which are freely movable.
13. The fluid inside synovial joints that reduces friction is called **synovial** fluid.
14. The bending movement that decreases the angle of a joint is called **flexion**, while straightening it is called **extension**.
15. The ability to touch your thumb to your fingertips, thanks to a saddle joint, is called **opposition**.

15 Questions

Answer Key Included

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