

Science Worksheet #1

Exploring the human skeleton

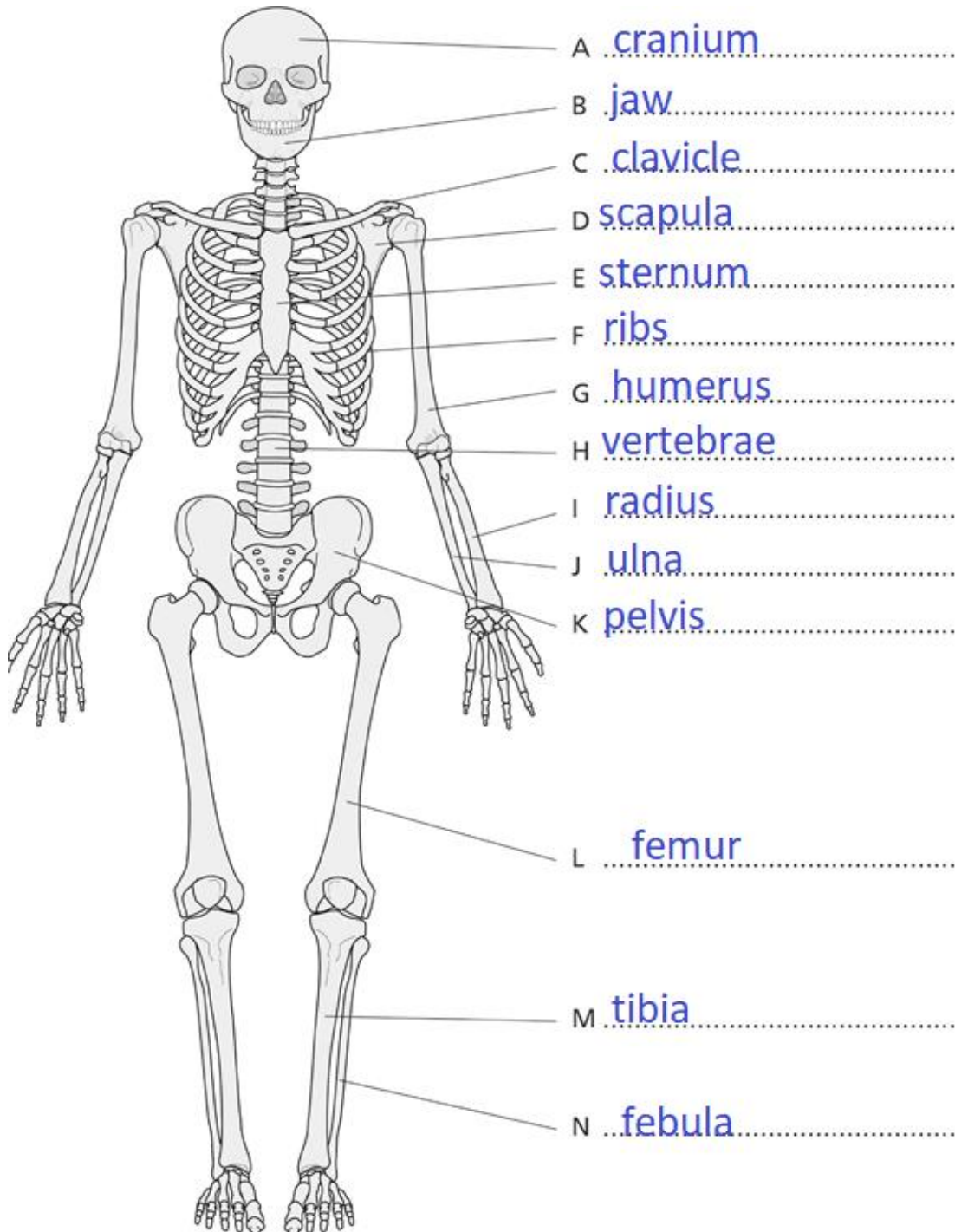
Name: _____

Grade **7A**

Date: **/9/2022**

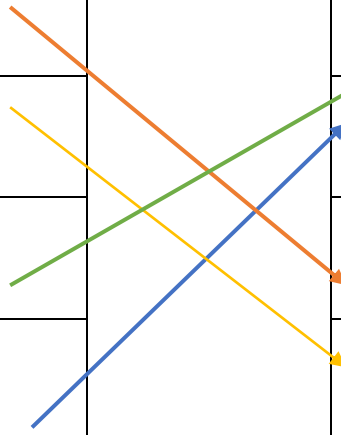
1 - The human skeleton

Name the bones A to N of the human skeleton.



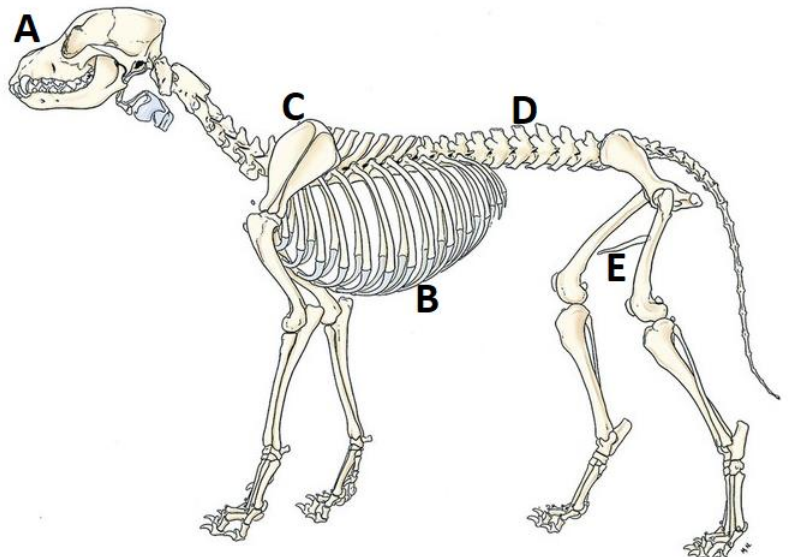
2- The roles of the skeleton

- Match up each role of the skeleton with its evidence.

Supports the body		Bones meet at joints; without these the skeleton would be rigid.
Protects the organs		Blood cells are made in bone marrow, and marrow is found in the middle of some bones.
Allows movements		Animals without a skeleton cannot hold themselves up.
Produces blood cells		Some bones are shaped to fit around an organ, such as the skull and ribcage.

- The diagram shows a dog skeleton. Complete the following statements about this diagram.

- The set of bones that protect the brain are labeled as A and they form the cranium.
- An example of a flat bone is C and it is called scapula.
- D is a vertebrae.
- The function of B set of bones is to protect the heart and lungs.
- The bone that supports the dog's body weight is labeled as E and called a femur.





- Which organs do the following set of bones protect?

1- cranium: the brain

2- vertebrae: the spinal cord

3- pelvis : the urinary bladder

- Read the following statements. Write T next to the true statements and F next to the false statements. Then write the corrected versions of the statements that are false.

1- Your skeleton protects delicate organs. **T**

2- The backbone prevents damage to lungs and heart. **_F**

3- The backbone is one long bone that runs down your back. **F**

4- Bones are important for blood production. **T**

5- Hands and feet have many small bones with joints to allow them to bend and move. **T**

Correct versions of false statements.

2- The rib cage prevents damage to lungs and heart.

3-The backbone is made up of 33 small bones called the vertebrae.
