

THE MUSCULOSKELETAL SYSTEM

- It allows us to

1. What does the musculoskeletal system consist of?

The **BONES** system which consists of **SKELETAL** and joints and

the **MUSCLES** system which consists of **MUSCLAR** and tendons

BONES

SKELETAL

MUSCLES

MUSCLAR

MOVE

2. Fill in:

The system consist of and .

the is like armour that supports the and give it . It protects our internal , such as the brain, and lungs.

The human skeleton is made up of about bones.

Types of bones: Choose:



Which bones make up the spine?

The .

Are they long or short?

They are **bones.**

What type of joints connect them?

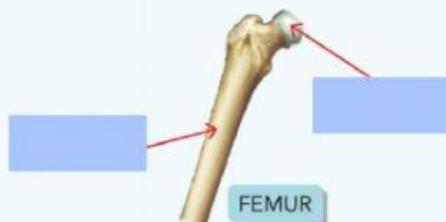
The **joints.**

In addition to bones, the human skeleton consists of other structures that allow the bones to move.

What tissues are bones made of?

Bones consist of two types of tissue:

- , or osseous tissue, is compact and hard.
- is softer and forms the ear and nose, and the ends of long bones.



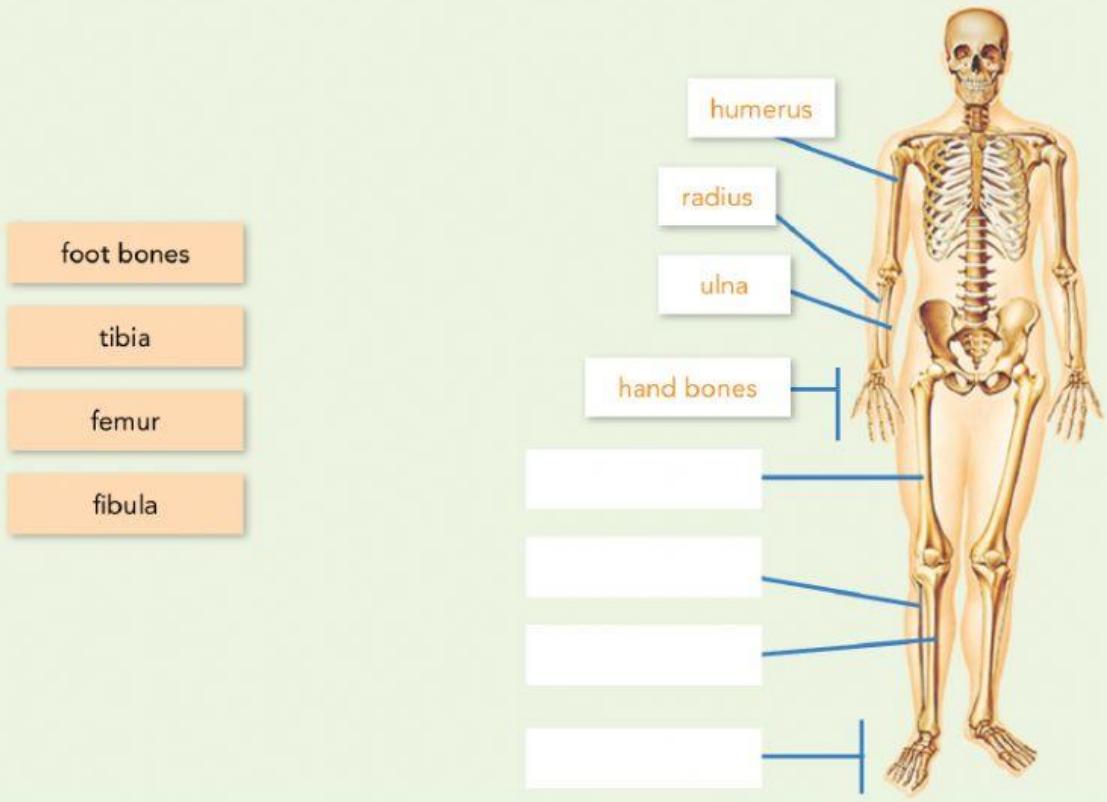
Joints

These connect our bones. They can be:

- , like the knee, which allows movement.
- , like vertebrae, which allow small movements.
- , like the skull, which does not move.



Indicate the equivalent limb of each bone of the upper limb (arm) in the lower limb (leg):



Choose the word with its meaning:

BONES

CARTILAGE

JOINTS

is thin, flexible, and resistant to compression.

provide cushion-type padding for long bones

are hard, brittle, and lack elasticity, they are highly vascularized and very strong. Provide skeletal support

is a place where two or more bones meet to allow movement.

Choose:

The main difference between and is that is a hard and rigid , whereas the is a soft, and flexible . The is present in the ears, nose, and of the body, whereas make up the system of the body.