

Organisms

1. Movement

CONCEPT 1

TEST YOURSELF

THE HUMAN SKELETON

KNOW

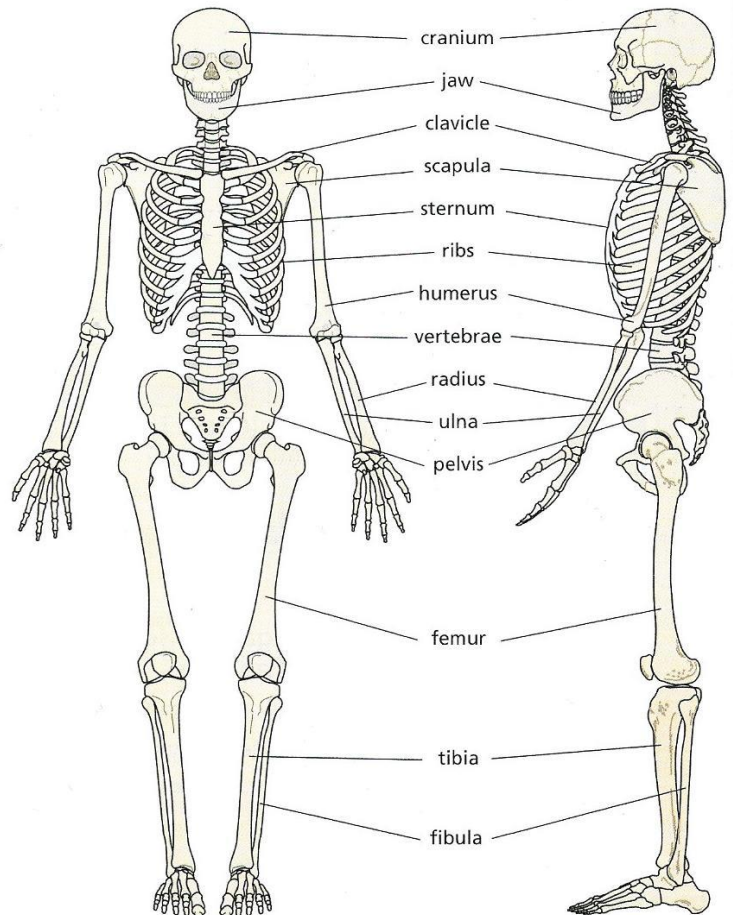
Q1 Look at the diagram which shows the main bones of the human skeleton.

State the scientific name for the

- (a) skull
- (b) collar bone
- (c) shoulder blade
- (d) funny bone

Q2 Why can you not count 206 bones on the diagram?

Q3 Why is the name 'vertebrates' suitable for describing animals that have a backbone?



APPLY

Q4 Describe the **four** main roles of the skeleton.

Q5 Describe the importance of (a) the ribs? (b) the cranium?

EXTEND

Q6 For the following, describe how the bone shape or structure is well adapted for its function in the body:

- (a) the femur
- (b) bones of the hand
- (c) bones in the inner ear

Q7 **Irregular bones** have a complex structure. There are 33 vertebrae in the typical human spinal column.

Explain why the vertebrae are small and similar in shape and size.