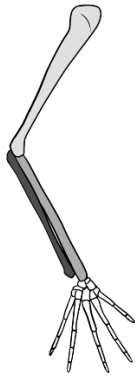


Name:

Class:



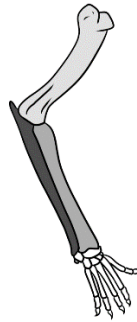
The figure below shows the limbs of some animals.



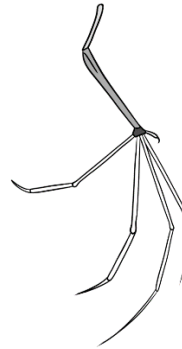
man



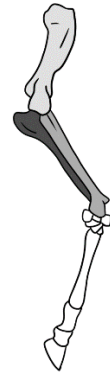
whale



cat



bat



horse

Describe how these limbs provide evidence for evolution.

A description including **two** from:

- they have a similar arrangement of bones / five digits / pentadactyl limb.
- evolved from a common ancestor.
- adapted for different functions.

What valve is found between the left atrium and the left ventricle?

The bicuspid valve.

Deoxygenated blood is found in which side of the heart?

The right side or right-hand side.

State where in the human body lipase digests lipids.

The ileum or small intestine.

What does lipase break lipids into?

Three fatty acids and one glycerol molecule.

What is the function of ribosomes?

They are the site of protein synthesis

What process occurs in a mitochondrion.

Aerobic respiration

What is the correct sequence of structures involved in a reflex action?

- A effector → sensory neurone → relay neurone → motor neurone → receptor
- B effector → motor neurone → relay neurone → sensory neurone → receptor
- C** receptor → sensory neurone → relay neurone → motor neurone → effector
- D receptor → relay neurone → sensory neurone → motor neurone → effector