

Transparency Worksheet

Similar Skeletal Structures of Mammals

1. Based on the illustration, what could you conclude about the number of digits on the limbs of any mammal species?

2. To what can you most likely attribute the differences you see in the forearm bones of the dolphin and the bat?

3. The most prominent joint in the human arm is the elbow. Which equivalent joint is most prominent in the bat wing? in the cat leg? Explain how you can tell which joints in other animals are equivalent to human joints.

4. In which mammal shown are the limb changes most extreme? To what would you attribute these differences?
