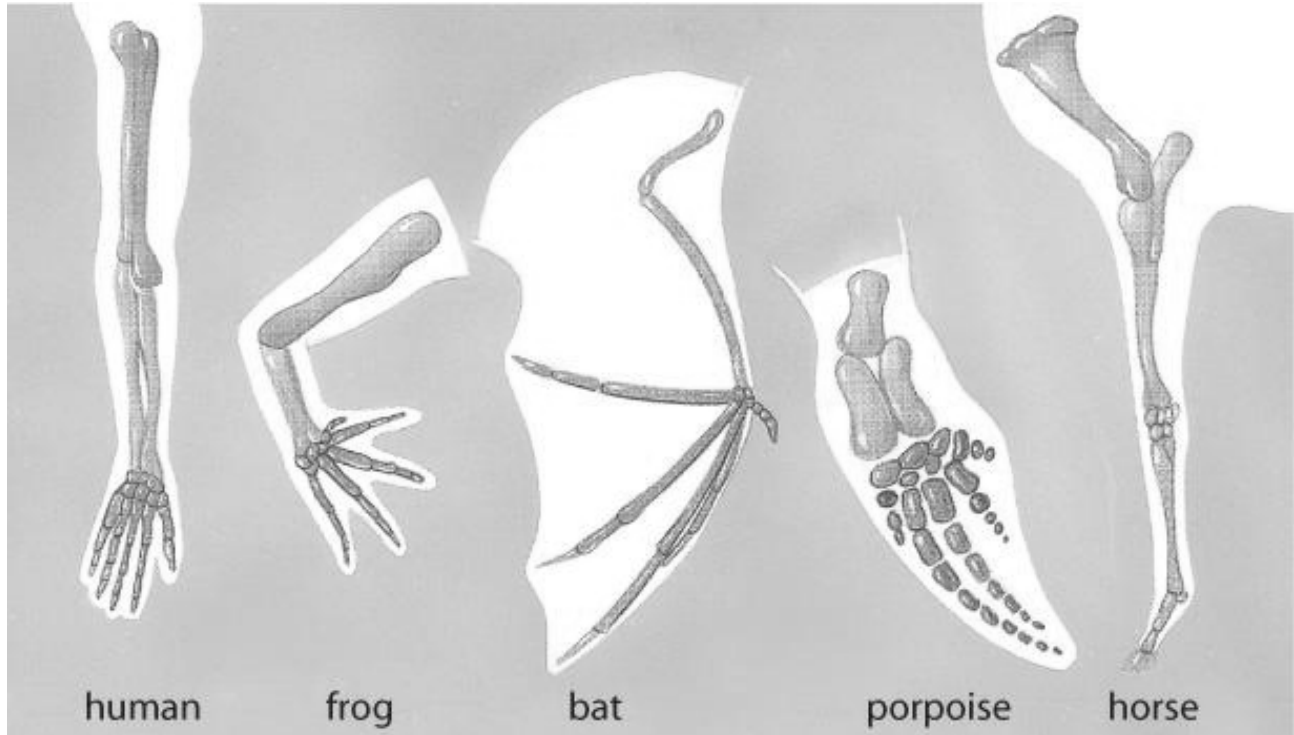


CHAPTER 4**HANDOUT****Homologous vs. Analogous Structures****BLM 4.2.6****HOMOLOGOUS STRUCTURES**

When the anatomy of various animals is examined, more evidence for evolution of animals from common ancestors is revealed.



These vertebrates have the same basic arrangement of bones, but the bones have different uses.

1. Examine the bones of vertebrate appendages shown in the diagram above.

Questions

1. Use different colours or shading to identify the bones that have a common structural arrangement in the five vertebrates.
2. Use the information in the example to define the term 'homologous structures'.

CHAPTER 4	Homologous vs. Analogous Structures	BLM 4.2.6
HANDOUT		

ANALAGOUS STRUCTURES



Bird wings are supported by bones and muscle. Insect wings are made of a tough material called chitin.

1. Examine the illustrations above.

Questions

1. Colour or shade structures that have a similar function in each organism.
2. Use the information in this example to define the term 'analogous structures'.
