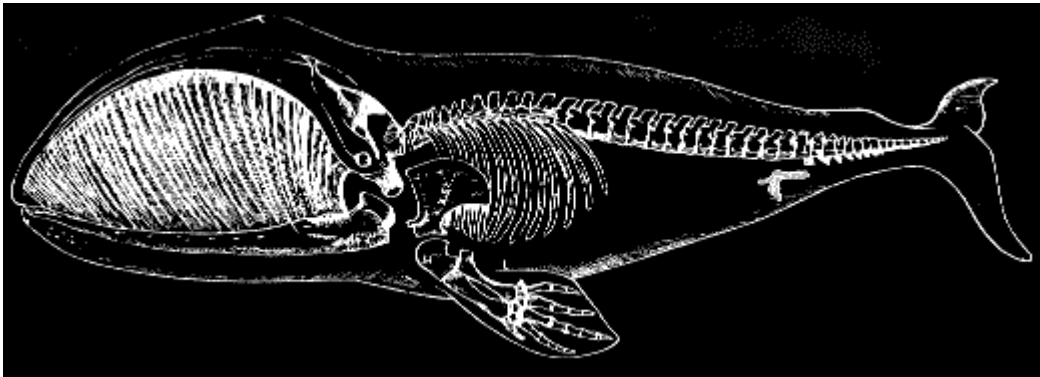
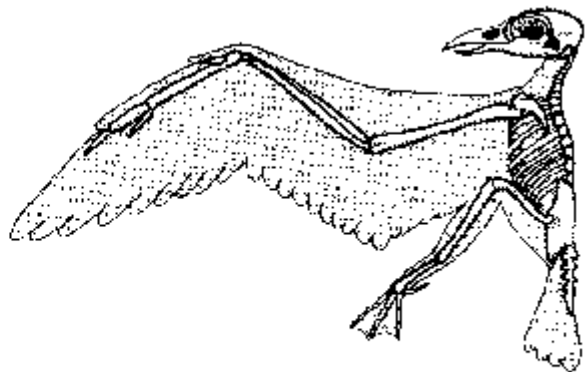
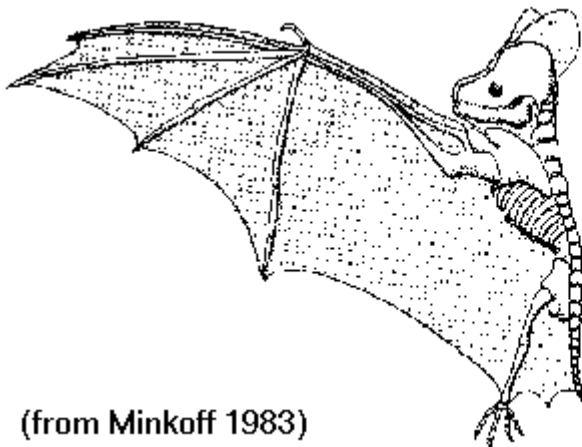


1. Many organisms possess _____ **structures** that have no apparent function, but that resemble structures their presumed ancestors had. Humans, for example, possess a complete set of muscles for wiggling their ears, just as a coyote does. Boa constrictors have hip bones and rudimentary hind legs.

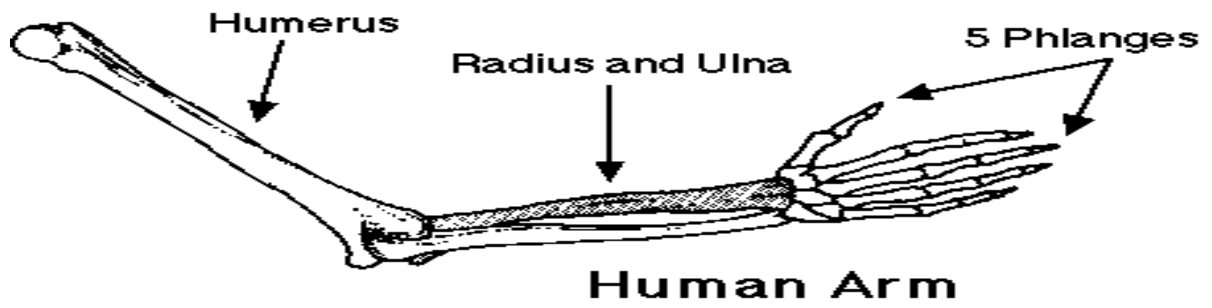


2. Bat wings and bird wings are _____ as flight structures: their structure and function have evolved by different routes from a flightless reptilian ancestor.



(from Minkoff 1983)

3. Structures on different organisms are _____ when they have similar base structures but have different functions.



4. How is this picture evidence for evolution?

