

Evidence of Common Ancestry and Diversity:

ACTIVITY 3:

Select the correct answer for each of the following questions:

1. Which of the following organisms are most closely related to the butterfly?

A:



C:



B:



D:



2. What evidence can you use to decide which organisms are most closely related?

- A: The body structures of different organisms.**
- B: The colour of different organisms.**
- C: The age of different organisms.**
- D: The size of different organisms.**



3. Which animals would you classify as being closely related?



- A: The ferret, rabbit, rodent should be grouped together because they are mammals.**
- B: The rodent, iguana, and the bird should be grouped together because they all have reddish colours.**
- C: The ferret and the iguana should be grouped together because they have long bodies.**
- D: The ferret and the rabbit should be grouped together because they both have light brown fur.**

4. Animals that are more closely related have a more recent common ancestor.

A: False

B: True

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5. All organisms from a common ancestor.

A: grew

B: came

C: evolved

D: formed

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