

Adaptation

Name: _____

Select the correct words to complete the sentences.

- 1 A **geologist / paleontologist** is a scientist who studies fossils.
- 2 The Tyrannosaurus rex and Velociraptor are two species that scientists believe could have evolved into species of **birds / amphibians**.
- 3 Studies of **dinosaurs / fossils** also tell a lot about drastic changes to the landscape and the environment.
- 4 Scientist have identified 700 different species of **dinosaurs / fossils**.
- 5 The fossils found in the oldest layers of rocks were from very simple **fossils / organisms**.

Check the correct sentences.

- 1 Genes are segments of DNA, and each cell in the human body contains two copies of each gene. ☐
- 2 All physical characteristics come from a single gene. ☐
- 3 The majority of physical characteristics come from a mixture of different genes. ☐
- 4 Inherited characteristics sometimes skip a generation. ☐
- 5 A physical characteristic that is not apparent means that the gene does not exist ☐



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Adaptation

Match the definition to their words

- | | |
|---------------------------|---|
| 1 characteristic _____ | a a group of people or things born or living at the same time |
| 2 gene _____ | b something that is passed on from one living thing to another, such as a physical characteristic |
| 3 inheritance _____ | c the process by which plants and animals can survive through adaptation when others cannot |
| 4 natural selection _____ | d a special trait that distinguishes one thing from another |
| 5 generation _____ | e a segment of DNA that controls or influences different characteristics |

Choose the correct answer.

1 Which animal adaptation IS NOT correct?

- a The octopus has developed the ability to change color and camouflage itself.
- b The octopus has developed amazing all-around vision.
- c Moles have a heightened sense of smell.
- d Cats have developed an incredible sense of hearing.
- e none of the options above

2 What is selective breeding?

- a It is when random characteristics are passed to new generations on purpose.
- b It is when random characteristics are passed to new generations naturally.
- c It is when specific characteristics are passed to new generations on purpose.
- d It is when specific characteristics are passed to new generations naturally.
- e none of the options above



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