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 ▮

Miss Diana's Class

Adaptation

Match the definition to their words

1 characteristic _____

2 gene _____

3 inheritance _____

4 natural selection _____

5 generation _____

a a group of people or things born or living at the same time

b something that is passed on from one living thing to another, such as a physical characteristic

c the process by which plants and animals can survive through adaptation when others cannot

d a special trait that distinguishes one thing from another

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