



Name _____ Class _____ Date _____

1 Which organisms would most likely have a **predator-prey** relationship?

A tapeworm and dog
 B barnacle and whale
 C hawk and mouse
 D rabbit and grass



2 Which statement best explains the observation that **clones** produced from the same organism **may not be identical**?

A Events in meiosis result in variation.
 B Gene expression can be influenced by the environment.
 C Differentiated cells have different genes.
 D Half the genetic information in offspring comes from each parent.

3 A certain species has **little genetic variation**. The rapid **extinction** of this species would most likely result from the effect of

A successful cloning
 B gene manipulation



4 Which **two structures** of a frog would most likely have the **same chromosome number**?

A skin cell and fertilized egg cell
 B zygote and sperm cell
 C skin cell and muscle cell

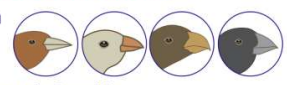


PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7 The second sentence best describes

A an ecosystem
 B a food web
 C a niche
 D a predator/prey relationship



most likely influenced by

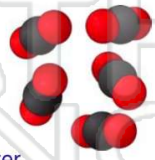
A selection for favorable variations
 B environmental conditions identical to those of the common ancestor
 C abnormal mitotic cell division
 D weather conditions

9 Animals can **not synthesize nutrients** from **inorganic raw materials**. Therefore, animals obtain their nutrients by

A combining carbon dioxide with water
 B consuming preformed organic compounds
 C hydrolyzing large quantities of simple sugars
 D oxidizing inorganic molecules for energy

10 The **end-product** of **aerobic respiration** are

A oxygen and alcohol
 B oxygen and water
 C carbon dioxide and water
 D carbon dioxide and oxygen





Name _____ Class _____ Date _____

1 Which organisms would most likely have a **predator-prey** relationship?

A tapeworm and dog
 B barnacle and whale
 C hawk and mouse
 D rabbit and grass



(C)


2 Which statement best explains the observation that **clones** produced from the same organism **may not be identical**?

A Events in meiosis result in variation.
 B Gene expression can be influenced by the environment.
 C Differentiated cells have different genes.
 D Half the genetic information in offspring comes from each parent.

(B)

3 A certain species has **little genetic variation**. The rapid **extinction** of this species would most likely result from the effect of


A successful cloning
 B gene manipulation



(C)

4 Which **two structures** of a frog would most likely have the **same chromosome number**?

A skin cell and fertilized egg cell
 B zygote and sperm cell
 C skin cell and unfertilized egg cell



(A)

5



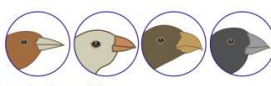
(B)

PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7 The **second sentence best describes**

A an ecosystem
 B a food web
 C a niche
 D a predator/prey relationship



(B)

8 most likely influenced by

A selection for favorable variations
 B environmental conditions identical to those of the common ancestor
 C abnormal mitotic cell division
 D weather conditions

(A)


9 Animals can **not synthesize nutrients** from **inorganic raw materials**. Therefore, animals obtain their nutrients by

A combining carbon dioxide with water
 B consuming preformed organic compounds
 C hydrolyzing large quantities of simple sugars
 D oxidizing inorganic molecules for energy

(B)

10 The **end-product** of **aerobic respiration** are

A oxygen and alcohol
 B oxygen and water
 C carbon dioxide and water
 D carbon dioxide and oxygen



(C)