**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ #\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Review for Final: Ecosystems**

1. What is an ecosystem?
2. What are three things you could find in the desert?
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What is a producer?
4. Which organism is a producer?
   1. Hawk
   2. Squirrel
   3. Trees
   4. Deer
5. If there is a shortage or no zebras on the African plains what would happen to that ecosystem? Explain

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1. What are three organisms you would find in the swamp?

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1. Which organism is a consumer?
   1. Grass
   2. Plants
   3. Lion
   4. Wheat
2. What is a food chain?

1. What is a food web?

1. Definition of a herbivore.
2. Give an example of an organism that is a herbivore.
3. Definition of a carnivore
4. Give an example of an organism that is a carnivore

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ #\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Review for Final: Inherited and Learned Traits**

1. Definition of a learned behavior.
2. Give 5 examples of a learned behavior.
3. Definition of an inherited trait.
4. Give 5 examples of an inherited trait.

|  |  |
| --- | --- |
| Mother | Father |
| Blue Eyes  Brown Hair | Brown Eyes  Blond Hair |

Which offspring did not come from these parents?

1. blue eyes, blond hair
2. brown eyes, brown hair
3. blue eyes, brown hair
4. brown eyes, red hair
5. Which characteristic is inherited rather than learned?
   1. throwing a football
   2. color of your skin
   3. reading
   4. playing catch
6. Learning to speak your home language is
   1. a learned behavior
   2. an inherited trait
   3. known at birth
   4. something you just know
7. A dog sees a cat and starts jumping up and down on all four legs and starts to bark. Which of the following best explains why the dog reacts this way?
   1. the dog was taught to react this way by its owner
   2. the dog learned to react this way from its parents and siblings
   3. the dog reacts this way naturally because it inherited the behavior
   4. the dog tried different ways to react and decided this was the best way
8. Which example below might be learned characteristics that a parent and child might share?
   1. both can roll their tongues
   2. both have brown hair
   3. both have attached ear lobes
   4. both can ride bikes
9. House plants need lots of sunlight therefore they lean towards the window for sunlight. This is an example of
   1. a learned trait
   2. a random act
   3. an accident of nature
   4. an inherited trait

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ #\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Review for Final: Adaptations & Metamorphosis**

1. How are the woolly mammoth and the elephant similar?
2. Why do extinct species look similar to some species that are alive today?
3. How has the snowshoe hair adapted to its environment?
4. The tiger would be closely related to what prehistoric animal?
5. What is the correct order of the life cycle for a butterfly?
6. What is the definition of molting?
7. What is the life cycle of a frog?
8. What are 3 things that can happen in a complete metamorphosis?
9. What are 3 things that can happen in an incomplete metamorphosis?
10. What state is the caterpillar in the butterfly life cycle?