

Test on Thursday, June 8th

Name _____

Science

Date _____

Organisms and their
Environments Review

1.) Plants need the following in order to grow:

air light
water minerals

2.) Explain how plants get their food.

Plants use energy from the sun, air, and water to make their own food.

3.) Describe an investigation that would answer the question of whether plants would grow without light.

Get 2 identical plants that are in the same soil. Put 1 plant on the windowsill and the other in a dark room.

4.) What happens to the population of animals if their habitat is destroyed?

The population would decrease.

5.) What is a predator? An animal that hunts and eats other animals.

6.) What is prey? An animal that is hunted and eaten by another animal.

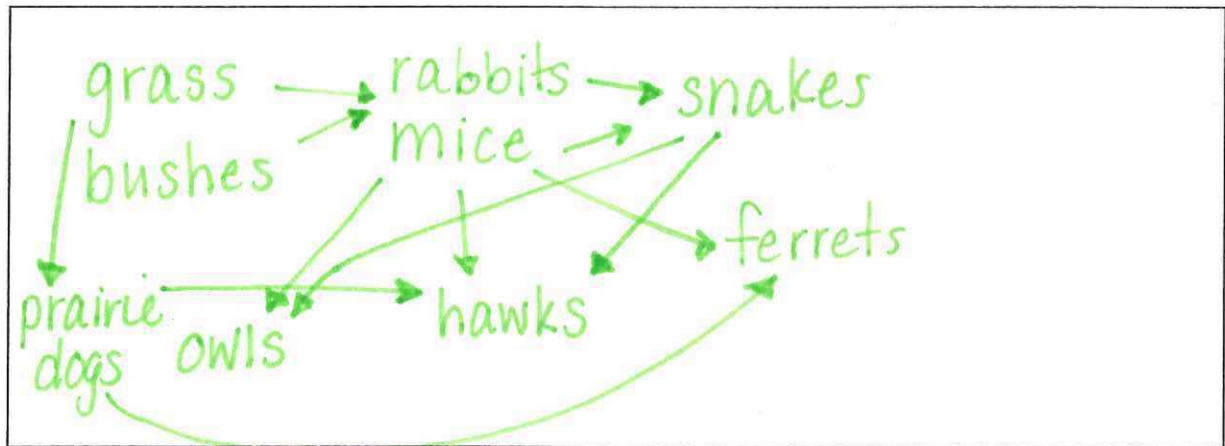
7.) List examples of both beneficial and detrimental relationships between animals:

Beneficial	Detrimental
Clown fish and an anemone	Ticks and humans
oxpecker and an elephant	A flea and a dog
ants and a tree	aphids on plants
Goby fish and shrimp	Barnacles and whales

8.) What does a habitat do for organisms in an ecosystem?

A habitat provides organisms with all of their basic requirements to survive.

9.) Draw a food web that shows the flow of energy in a prairie ecosystem. The ecosystem consists of prairie dogs, ferrets, hawks, rabbits, mice, grass, owls, bushes, and snakes.



10.) In a prairie ecosystem, what organisms are producers?

grass and bushes