

## Test Practice

1 Which of the following are the main source of energy in a food chain? [4.LS2.a](#)  
A producers  
B herbivores  
C carnivores  
D omnivores

2 Which organism in the illustration below is both a consumer and a decomposer? [4.LS2.b](#)



A tree  
B earthworm  
C mammal  
D bird

3 Which of the following recycles matter from dead plants and animals? [4.LS2.c](#)

A fungus  
B grass  
C cactus  
D gopher

4 Which gas produced by photosynthesis do animals need to survive? [4.LS2.a](#)

A carbon dioxide  
B helium  
C hydrogen  
D oxygen

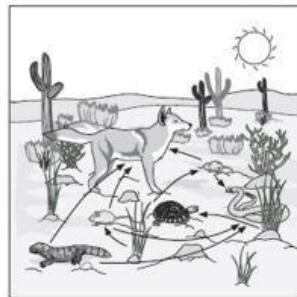
5 Which organism can help fight disease in humans? [4.LS3.d](#)

A bean seeds  
B caterpillar  
C bacteria  
D cane toad

6 Which organism gets energy directly from the Sun? [4.LS2.a](#)

A earthworm  
B bee  
C tree  
D hawk

7 Which animal would compete with the coyote in this food web? 4 LS 2.b

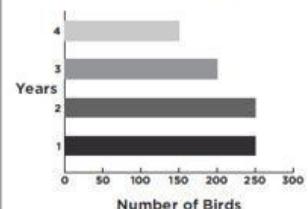


- A gopher
- B lizard
- C rattlesnake
- D tortoise

8 What do microorganisms help humans do? 4 LS 3.d

- A digest food
- B walk and run
- C hear sounds better
- D see better at night

9 Students charted how many birds were in an environment on the bar graph below. Which prediction can they make for year 5? 4 IE 6.e



- A The number of birds will go up in year five.
- B The number of birds will stay the same in year five.
- C The number of birds will go down in year five.
- D It is not possible to predict what will happen in year five.

10 A mushroom helps cause a log to decompose into the soil. What do you predict will happen to the soil in the area? 4 IE 6.c

- A It will grow new plants well.
- B It will not grow new plants well.
- C It will decompose also.
- D It will become polluted.