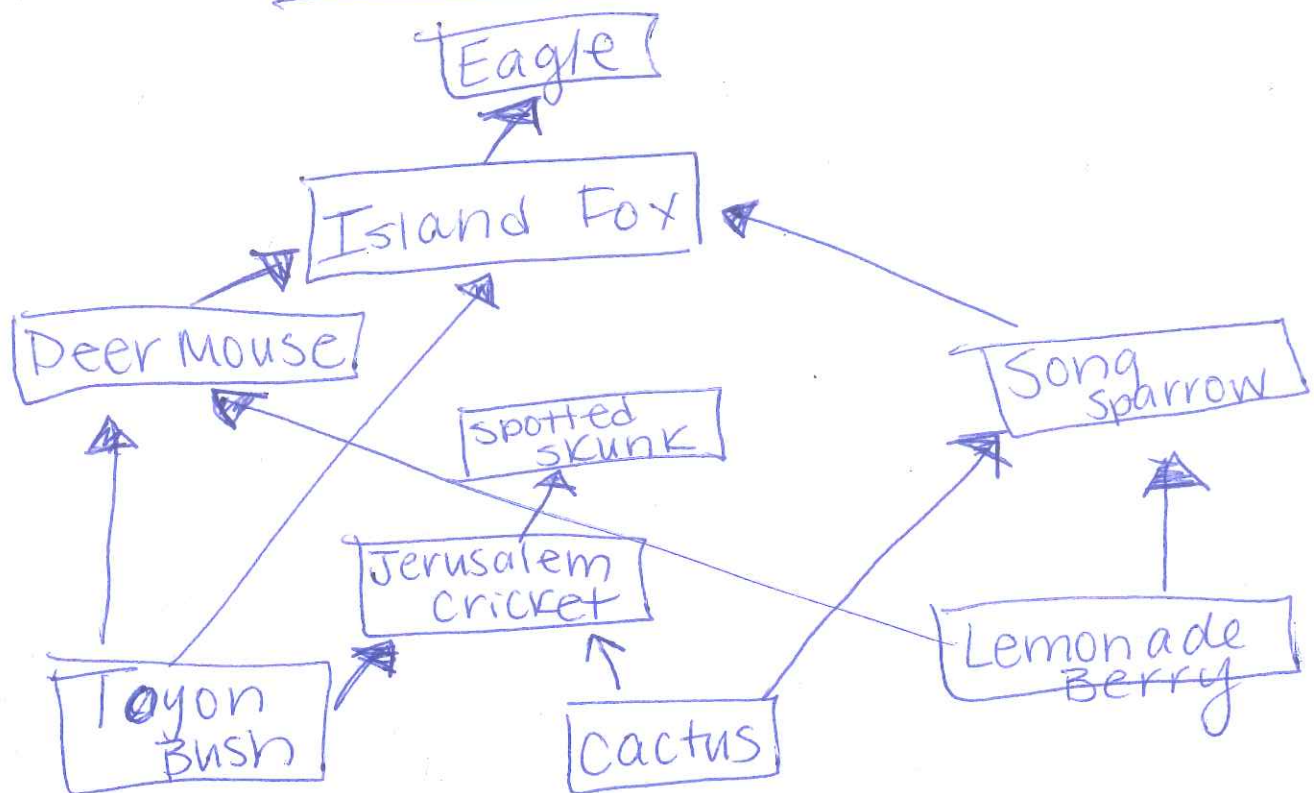


# Answers

①



②

After you have made your food web, answer these questions:

## Answers

8. Name all the producers in the food web. What is the job of producers in the food web?

The producers are toyon bush, cactus and lemonade berry.

Their job is to convert the sun's energy to make nutrients

Define an herbivore and give two examples from your food web.

An herbivore is a consumer that eats only plants.

Two examples of herbivores from this web are (any two of these: Jerusalem cricket, deer mouse, song sparrow),

9. Define a carnivore and give two examples from your food web.

A carnivore is a consumer that only eats animals.

Two examples from this web are the eagle, and spotted skunk.

10. Is there an omnivore in this food web? If yes, identify it and tell which organisms it eats.

Yes X No \_\_\_\_\_. The omnivore is the Island Fox and it eats the toyon bush, deer mouse and song sparrow.

11. Explain how food chains and food webs are alike. Explain how they are different.

Food chains and food webs are similar because they both have producers, consumers and decomposer as components. They both help cycle matter and enable energy to flow through them..

They are different because a food chain is a direct connection between the producer and the consumers and a food web is the interaction of several food chains that have organisms in common.

12. If the deer mouse were removed from this food web what would happen? Describe how producers and consumers would be affected. **Student answer should show the relationship between the removal of the deer mouse and the impact on at least one producer and one consumer.** If the deer mouse was removed, there would be an increase in the toyon bush because there is one less predator, a decrease in the number of island fox because there is one less thing for them to eat.

**The student answer might also demonstrate that the impact of the removal affects the entire food web:**

If the deer mouse was removed, it would impact/affect the other organisms in this food web. The toyon bush (name of producer) would increase because there would be less things eating it and the island fox (name of consumer) would decrease because there are not as many deer mouse to eat, which means the eagle (name of the consumer) would also decrease. With a decrease in the island fox, the number of song sparrows would increase, which would decrease the cactus which could increase the Jerusalem cricket, which could increase the spotted skunk.

13. Susie says that decomposers help cycle matter through a food chain. Do you agree or disagree with Susie's statement? Explain why.  
I agree because decomposers break down dead plants and animals back into the matter that made them. This matter is returned to the soil so that plants can use it again to make nutrients that will go through the food chain.

### ③ CROSSWORD - Vocab

ACROSS  
3 Biotic

4 community

6 scavenger

7 decomposer

9 secondary

10 Abiotic

12 succession

DOWN

1 Primary

2 climax community

5 Ecosystem

8 Pioneer Species

11 community