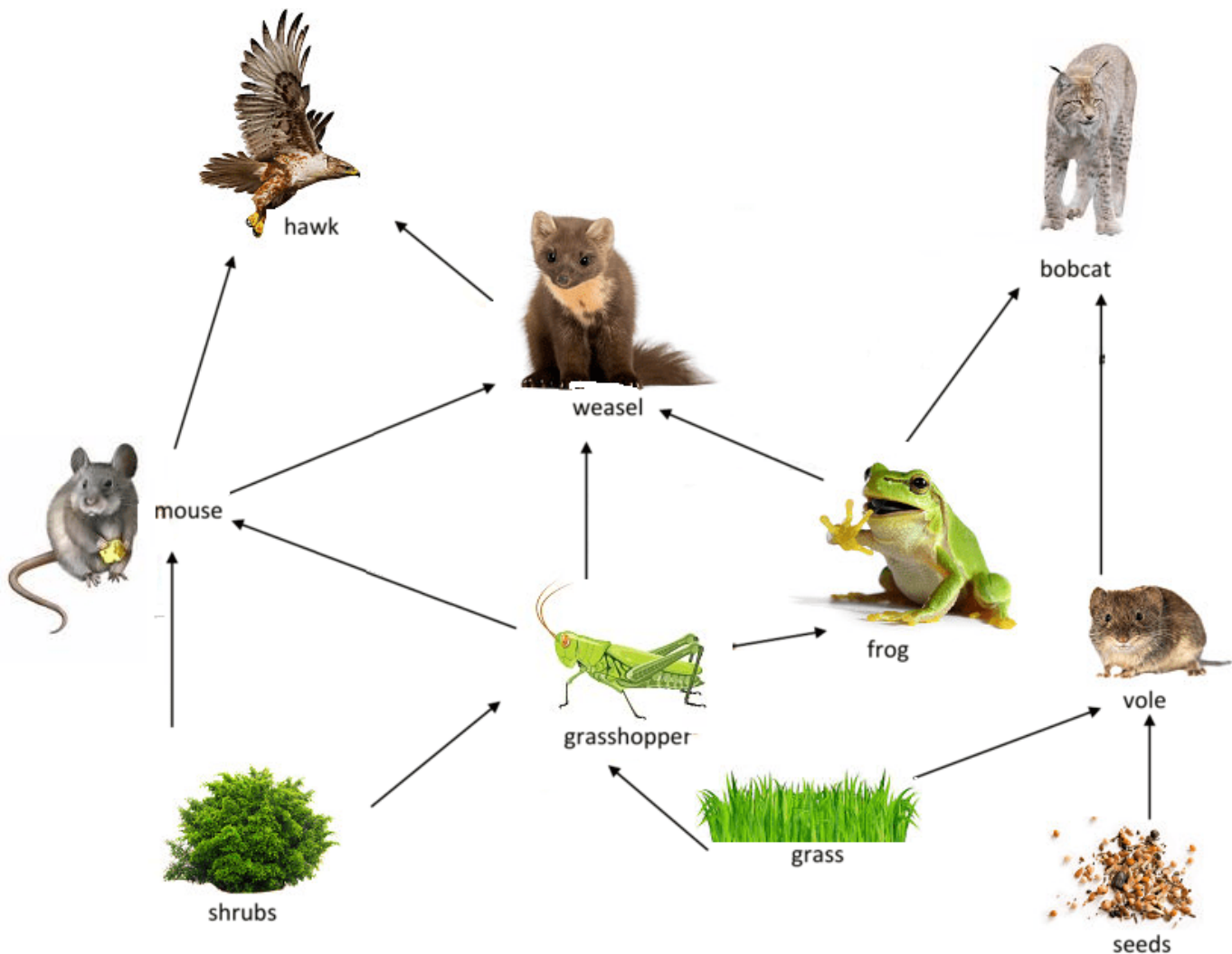


ECOSYSTEM AND FOOD WEB

Observe the food web below. Then answer the following questions.



Questions

1. Identify a heterotroph	
2. Identify the primary consumer –	
3. Identify secondary consumer-	
4. Identify the carnivores –	
5. Another name for a producer or plant –	
6. Identify two omnivores –	

7. Write the members of a food chain that ends in a tertiary consumer.

producer → primary consumer → secondary consumer → hawk (tertiary consumer)

producer → primary consumer → secondary consumer → bobcat (tertiary consumer)

8. What effect would more weasels have on the bobcats?

9. In a food chain only around 10 per cent of the **energy** is **passed** on to the next trophic level. If there are 10,000 units of energy in a vole how much energy will be transferred to the bobcat?
