INTERPRETING
A FOOD WEB

~ Complete the given food web by placing the arrows. ~

Hawk

Snake

Rabbit

Mouse

Wildflowers

Grass

~ Use the food web in the above diagram to answer the following questions. ~

a) Name the producers.

_____
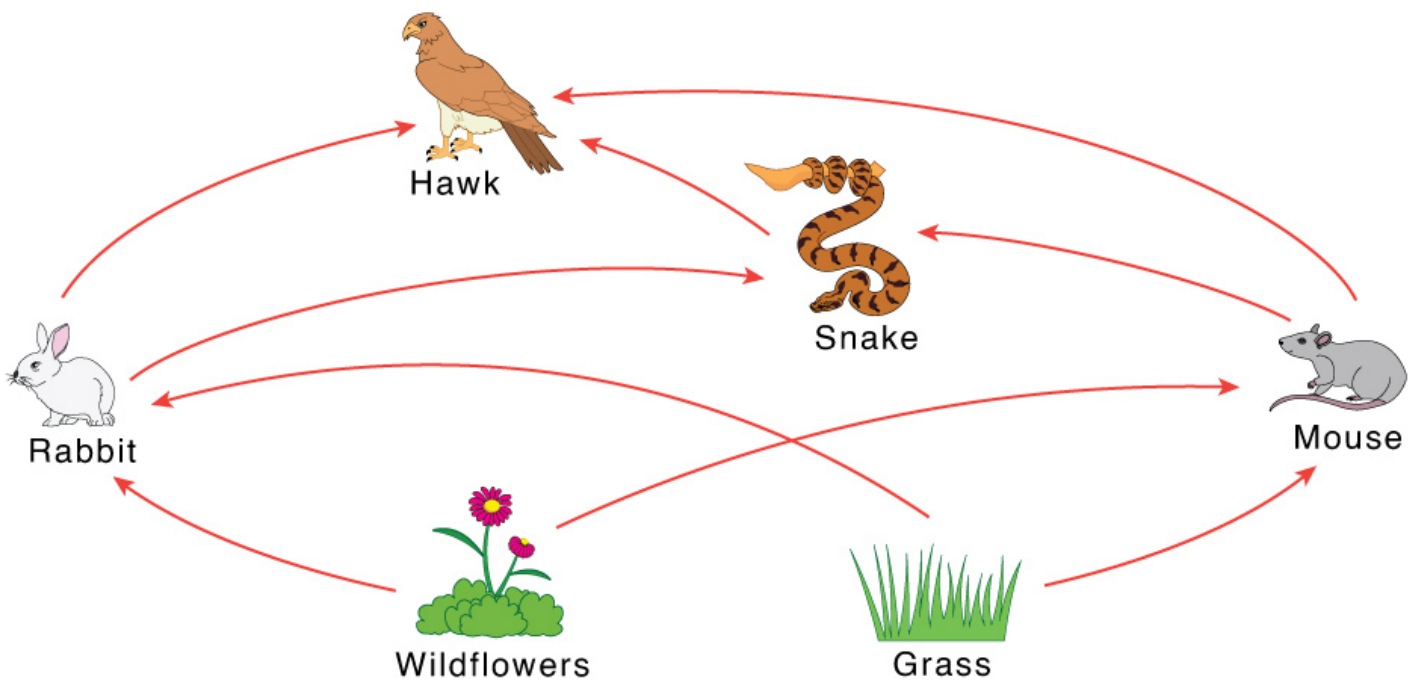
b) Name any four consumers.

_____

c) What is eaten by the snake?

_____

d) What does the hawk eat?

_____

~ Fill in the blank spaces with the appropriate words. ~

In any food web, energy is _____ every time one organism eats another. Because of this, there must be many _____ plants than there are plant-eaters. There are more _____ than heterotrophs and more plant-eaters than _____. Each successive level has about _____ less energy available because some energy is lost as heat at each trophic level.

INTERPRETING
A FOOD WEB

a) Name the producers.

   Grass and wildflowers

b) Name any four consumers.

   Mouse, rabbit, snake, and Hawk

c) What is eaten by the snake?

   Mouse and rabbit

d) What does the hawk eat?

   Mouse, snake, and rabbit

In any food web, energy is lost every time one organism eats another. Because of this, there must be many more plants than there are plant-eaters. There are more autotrophs than heterotrophs and more plant-eaters than meat-eaters. Each successive level has about 10% less energy available because some energy is lost as heat at each trophic level.