

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Food Webs

1. The many overlapping food chains in an ecosystem make up a(n)
  - a. niche
  - b. feeding level
  - c. energy pyramid
  - d. food web
2. In an ecosystem, how are food webs and food chains different?
  - a. Food webs begin with animals and food chains begin with plants.
  - b. Food webs rarely begin with plants and food chains begin with animals.
  - c. Food webs show the relationship between many different food chains in a single ecosystem.
  - d. Food chains show the relationship between many different food webs in a single ecosystem.
3. Some scientists think that a food web with many connections is more stable than one with few connections.
  - a. True
  - b. False
4. Organisms on the lowest trophic level of an ecosystem are always
  - a. herbivores
  - b. carnivores
  - c. heterotrophs
  - d. autotrophs
5. An organism which lives on or in another organism and derives its nutrition from that organism would be a \_\_\_\_\_
  - a. autotroph
  - b. heterotroph
  - c. parasite
  - d. saprophyte
6. Any organism which must obtain its food from a source outside itself is a \_\_\_\_\_
  - a. autotroph
  - b. heterotroph
  - c. parasite
  - d. saprophyte
7. Which type of organism breaks down the cells of dead organisms?
  - a. producer
  - b. consumer
  - c. decomposer
  - d. omnivore
8. Which is a consumer?
  - a. cow
  - b. peach tree
  - c. mushroom
  - d. grass