Find a Food Chain

Name:_____ **Date:** _____

Part 1: Answer the questions below.

1. What is a food chain?_____

_____

2. Label the part(s) of a food chain in the diagram below using the following vocabulary words (some words will not be used):

decomposer **primary consumer** **producer** **secondary consumer** **sun** **tertiary consumer**

a.  energy b.  energy c.  energy d. 

a._____ b._____ c._____ d._____

3. How does a plant get energy from the sun?_____

_____

4. How does an animal get its energy?_____

_____

Part 2: Explore the habitat lab and look for a link in a food chain such as a plant or animal. Use the Example Food Chain Components chart on page 3 along with field guides like the *National Audubon's Field Guide to the Southeastern States* and/or the Alabama Wildlife Federation's Dig into Plants and Wonders of Wildlife webpages to answer the following questions:

5. What did you find in the habitat lab that could be a **link in a food chain**?_____

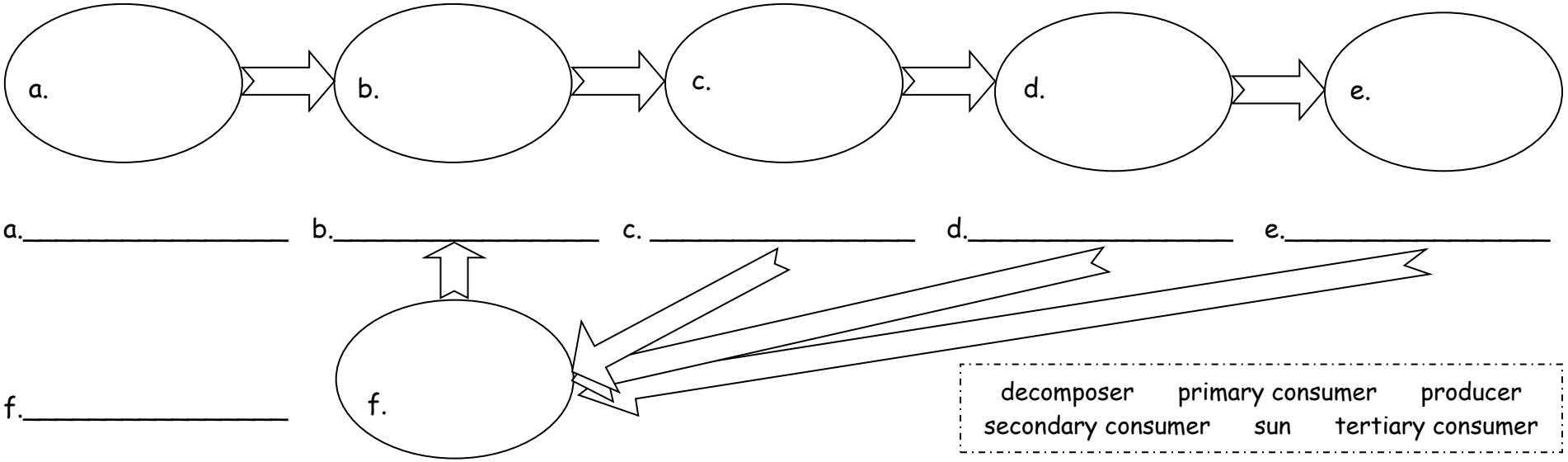
6. How does it get its energy to survive and reproduce?_____

_____

7. How does it provide energy for other living organisms?_____

_____

8. Draw a picture of your "**food chain link**" in the circle below where that plant or animal would be located in a food chain. Next try to guess what animal(s) or plant(s) the other links in the food chain might be, and then draw and label them using the vocabulary words in the box below. The arrows show the **flow of energy** through the food chain.



a._____ b._____ c._____ d._____ e._____

f._____

EXAMPLE FOOD WEB COMPONENTS

(A component is one part or element of the larger whole.)

Plants (Producers)	**Herbivores** (Primary Consumers)	**Omnivores** (Secondary/Tertiary Consumers)	**Carnivores** (Secondary/Tertiary Consumers)	**Detritivores & Fungus** (Decomposers)
Grasses	Armyworms	Ants	Spiders	Mushrooms
Wildflowers	Caterpillars	Wasps	Fleas	Worms
Herbs	Butterflies	Lady Bugs	Ticks	Spiders
Shrubs	Bees	Crickets	Bats	Ants
Trees	Moths	Mosquitos	Snakes	Flies
Nuts	Grasshoppers	Songbirds	*Alligators	Beetles
Berries	Treehoppers	Squirrels & Chipmunks	*Some Fish	Millipedes
Acorns	Leafhoppers	Opossums	*Owls	Pill Bugs/Roly Polies
Pinecones	Katydids	Racoons	*Bobcats	Cockroaches
Seeds	Deer	Skunks	*Hawks	Snails
Fruits	Beavers	Frogs & Toads		Slugs
Aquatic plants	Rabbits	Salamanders		
Algae	Some Fish	Turtles		
		Lizards		
		*Foxes (Red and Gray)		
		*Coyotes		
		*Black Bears		*Apex Predators*