

# The Redwood Canopy

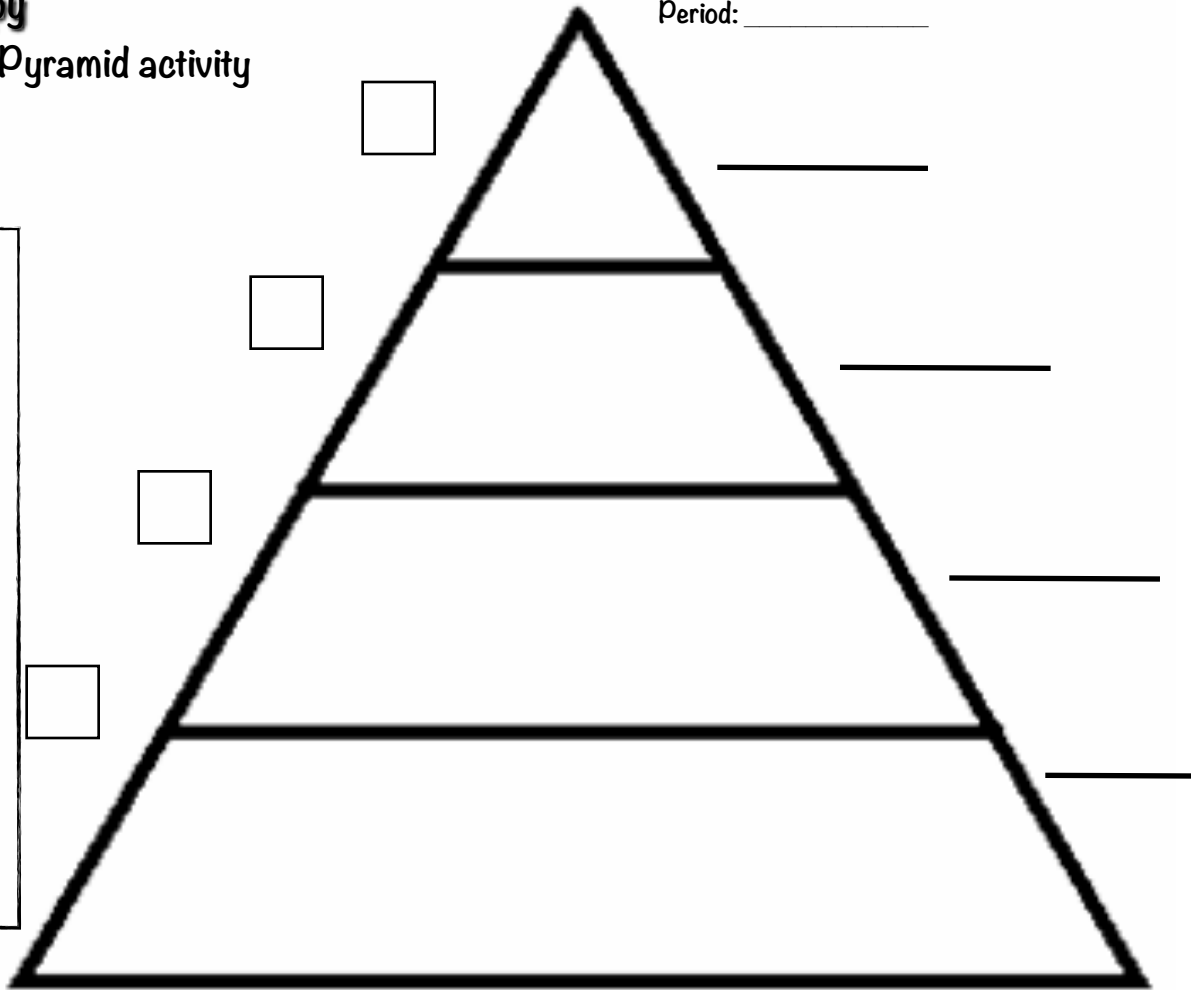
## Food Web to Energy Pyramid activity

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

Period: \_\_\_\_\_

### Part 1 - the labeling

1. Label the different **trophic levels** of the energy pyramid on the blank lines to the right.
2. Place all of the organisms from your Redwood Canopy food web drawing and handout in the correct trophic level. Write the organisms name clearly.



### Part 2 - the identifying

1. What is the top-level consumer in your energy pyramid?  
\_\_\_\_\_
2. What is an herbivore, or primary consumer, from your energy pyramid?  
\_\_\_\_\_
3. What is a primary producer from your energy pyramid?  
\_\_\_\_\_

### Part 3 - the factoring

1. How many of the herbivores would you have if your redwood canopy supported 3 of the top-level consumers?  
\_\_\_\_\_
2. How many pounds of herbivores would your redwood canopy support if there was 1,000 pounds of primary producers growing in the canopy?  
\_\_\_\_\_
3. If a California Tree Vole weighed 1 gram, how many would there be in your redwood canopy if there were 6,000 grams of leaves to eat in a growing season?  
\_\_\_\_\_