

Name:

Period:

## #15 DIRECTED READING ENERGY PYRAMIDS

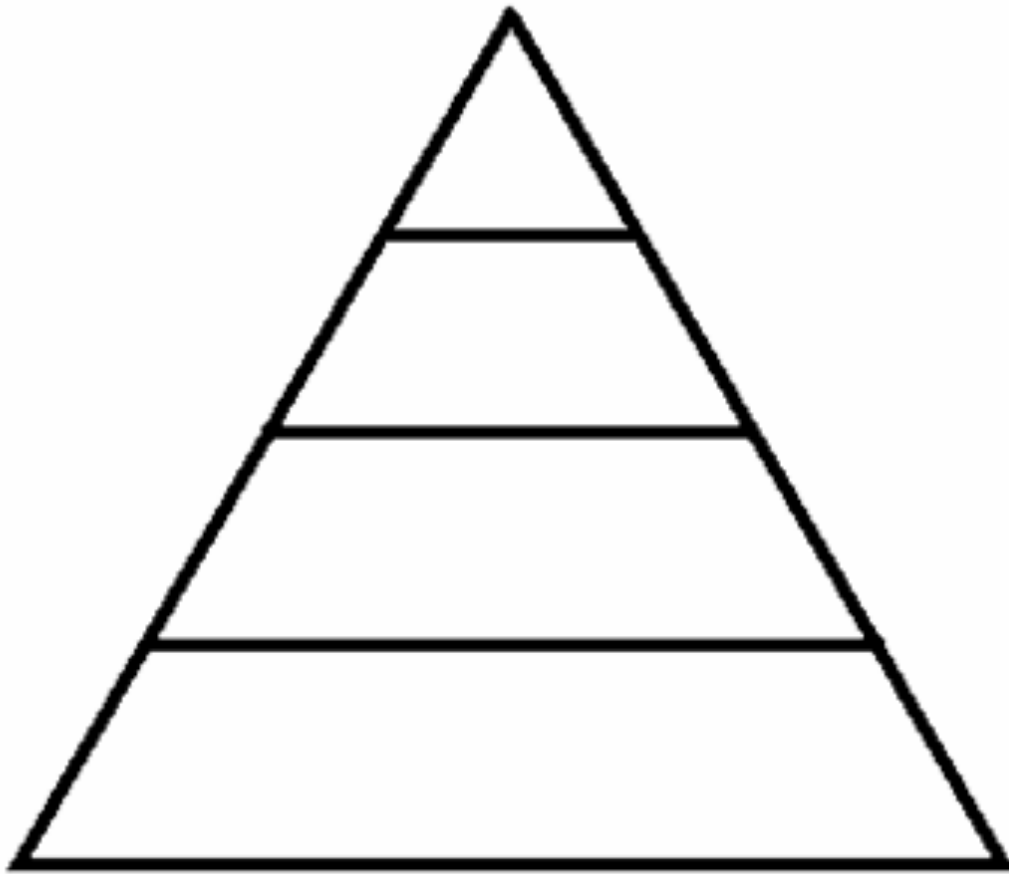
### I CAN...

Explain how energy flows through an food web.

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1. Producers bring what into the ecosystem? How do they do this?
2. Producers convert \_\_\_\_\_ into \_\_\_\_\_ through \_\_\_\_\_ just like other \_\_\_\_\_.
3. Only about 10% of the total \_\_\_\_\_ from the plant gets stored in the \_\_\_\_\_ body as extra \_\_\_\_\_.
4. How much energy will the carnivore store that was originally in the plant?
5. Energy is \_\_\_\_\_ from one \_\_\_\_\_ to another, every time this happens there is a \_\_\_\_\_ of \_\_\_\_\_, which can be shown in a \_\_\_\_\_.
6. In an energy pyramid, plants and other \_\_\_\_\_ organisms are found on the \_\_\_\_\_, at the \_\_\_\_\_ of the pyramid.
7. After the producers, at the bottom, what is on the next level above them?

8. In our local forest community - caterpillars eat leaves, birds eat caterpillars, snakes eat the birds.  
Draw an energy pyramid using this information in the pyramid below.



9. Why are there only 4 to 5 levels in a food chain or energy pyramid?