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**Food Chain/Web/Pyramid and Organic Compounds Test Review**

**From your Energy Flow Through Living System Student Journal**

1. Each food chain or food web will always start with what?
2. Create or copy a 5 step food chain from your Student Journal.
3. What do the arrows represent in a food chain or food web?
4. Name a producer for the marine, grassland, and desert ecosystems.
5. What is the difference between a food chain and food web?
6. How does energy get from one level to the next?
7. What is the difference between producers and consumers?
8. What is a decomposer?
9. What trophic level has the most energy? Least energy?
10. What trophic level has the most number of organisms? Least number of organisms?
11. What are 3 reasons that all of the energy in one level doesn’t go to the next level?
12. How much energy is transferred to the next level?
13. If the tertiary consumer has 6.8 calories, how much energy did the producers have? Draw a pyramid with labels for the trophic levels and calories.

**From your Organic Compound Student Journal and Notes**

1. What element determines if a compound is organic or inorganic?
2. What elements are typically present in organic compounds?
3. Where do organic compounds typically come from?
4. Write a chemical formula that would be an organic compound. (Use one from your Student Journal)
5. Write a chemical formula that would be an inorganic compound. (Use one from your Student Journal)
6. What three types of organic compounds do living organisms get from their food?
7. Using your answers from the previous question, what do each do for a person?

**Review your vocabulary for each unit.**