

Goal • Use this page to check your understanding of nutrients.

Beside each statement below, write the letter T if you think the statement is true or F if you think it is false. If you think the statement is false, write the correct sentence in the space provided.

1. F Green plants add carbon dioxide to our atmosphere through a process of photosynthesis. ~~photosynthesis~~ <sup>respiration</sup>  
 or  
 Green plants remove CO<sub>2</sub> through a process of photosynthesis
2. T Decomposers are a very important part of every nutrient cycle.
3. F Green plants occupy the ~~second~~ <sup>First</sup> trophic level in food chains.
4. T There is a loss of energy at each trophic level.
5. I Carrying capacity is the largest number of organisms that can survive in an area.
6. F In a food chain, a deer feeding off leaves would be a ~~secondary~~ <sup>primary</sup> consumer.
7. F ~~Carnivores~~ <sup>Herbivores/Primary consumer</sup> are organisms that eat plant material.  
 or  
 carnivores are organisms that eat animals
8. F The process of ~~nitrogen fixation~~ <sup>respiration</sup> uses oxygen to produce carbon dioxide.
9. T While a pyramid of numbers or biomass can be inverted, a pyramid of energy cannot.