

Name: _____

Period: _____

Unit 1 Test: Study Guide

Define the following terms:

1. Food Chain-
2. Food Web-
3. Apex Predator-
4. Producer-
5. Consumer (List the order of consumers)-
6. Decomposer-
7. Autotroph-
8. Heterotroph-
9. Photosynthesis-
10. Stomata-
11. Stimulus (External and Internal)-
12. Tropism (Positive and Negative)-
13. Phototropism-
14. Geotropism-

15. Hydrotropism-

16. Thigmotropism-

17. Auxin-

18. Dormancy-

19. Nitrogen Cycle-

20. Carbon Cycle-

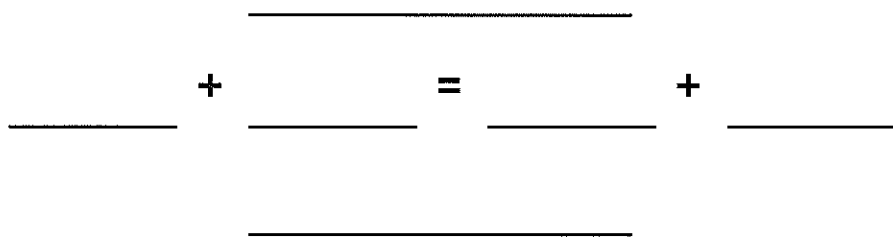
Fill in/Short Answer:

21. Where in the leaves does photosynthesis occur?

22. What is the name of the green light catching substance?

23. Photosynthesis is the process by which a plant takes in _____ and releases _____.

24. Write the formula for photosynthesis.



25. What are the reactants and products??

Reactants:

Products:

26. Plants release oxygen for use by animals in a process called _____.

27. What is the name for the food a plant makes?

28. How does auxin cause phototropism?

29. What is the importance of:

Phototropism-

Geotropism-

Thigmotropism-

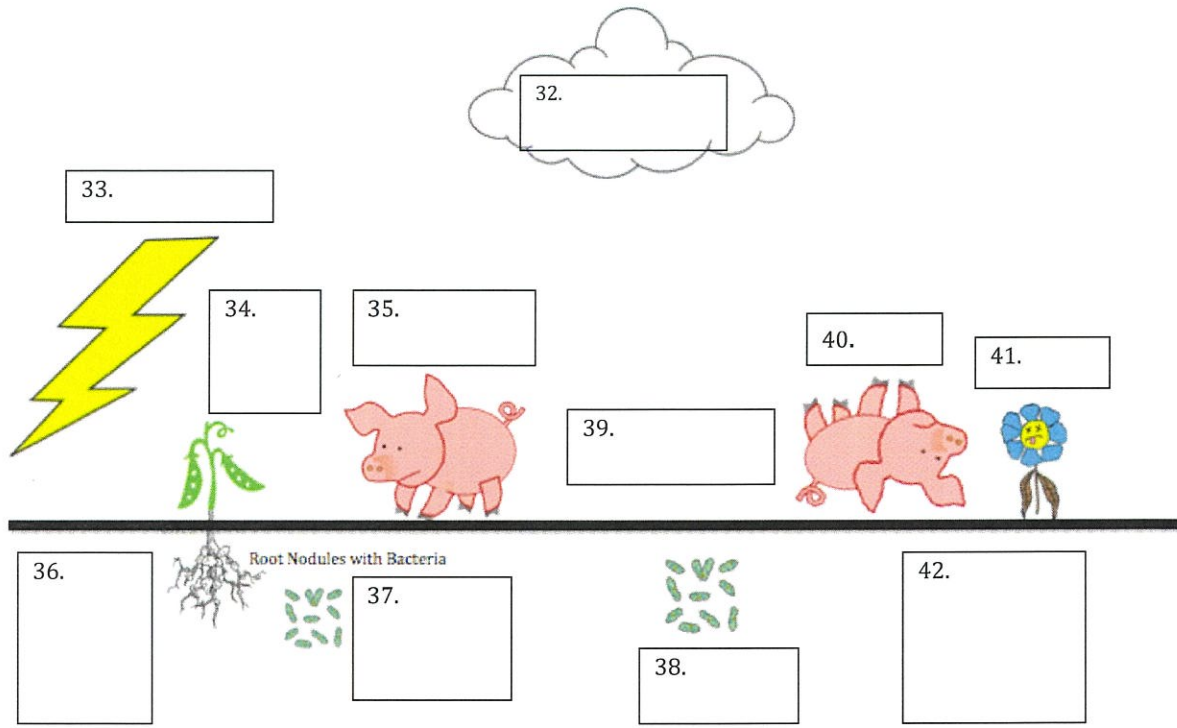
Hydrotropism-

30. What is a composter? Why would you want to use one?

31. Give an example of a biofuel. Why are they considered more environmentally friendly than fossil fuels?

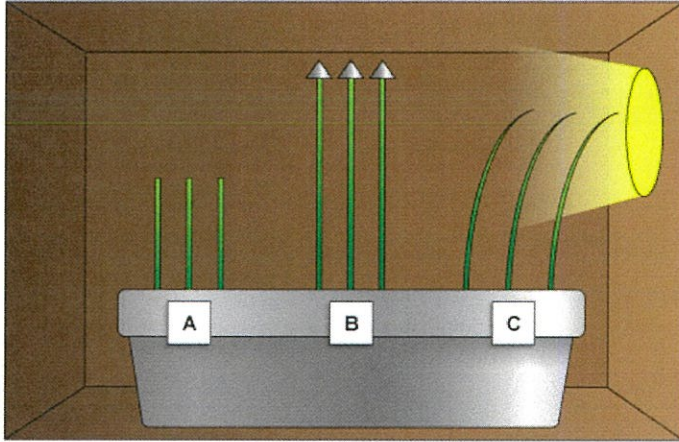
Nitrogen Cycle: Label the parts of the nitrogen cycle and draw in the arrows showing the flow of nitrogen.

The Nitrogen Cycle



Experiment: Explain what is happening in the experiment below.

43.



Plants A:

Plants B:

Plants C:
