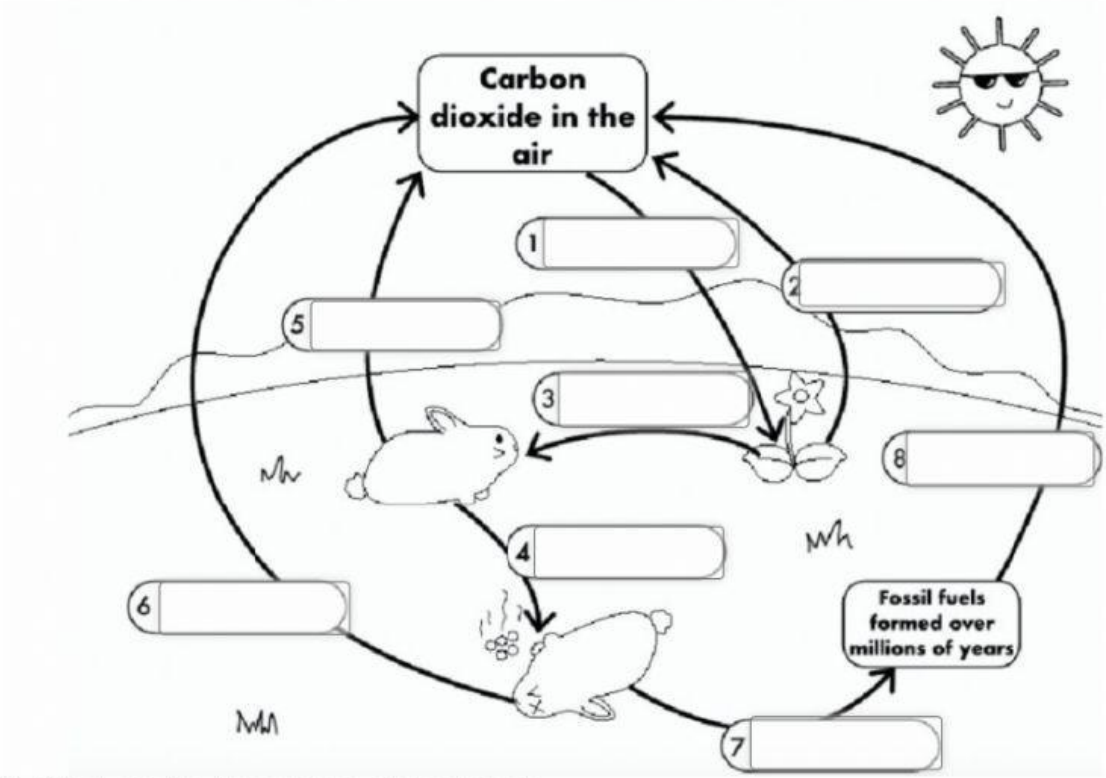
Carbon Cycle Test

## Label the numbered boxes correctly with the following:

| | | | |
|---|---|---|---|
| Respiration by animals | Feeding | Decomposition | Death and waste |
| No decomposition | Combustion | Respiration by plants | Photosynthesis |

**Directions:** Use the word bank to fill in the blanks

**Word Bank:** millions, renewable, coal, time, swamps, natural gas, heat, remains, oil, pressure




8. What are the three types of fossil fuels

_____ _____ _____

9. Fossil fuels are considered _____ energy

10. Fossil fuels form in prehistoric _____.

11. Fossil fuels form over _____ of years.

12. A combination of _____, _____, _____, and _____ determine which type of fossil

**Directions:** Circle the correct answer.

13. The air surrounding Earth is called the _____.

a. biosphere b, geosphere c. lithosphere d. atmosphere

14. Burning of fossil fuels by cars and factories is called _____.

a. gasoline b. biomass c. combustion d. Indigestion

15. Fungi and bacteria are examples of _____.

a. decomposers b. producers c. consumers d. demagorgans

16. Carbon Dioxide trapped in the atmosphere causing the Earth to become warmer is called the _____.

a. global warming b. greenhouse effect c. botanical gardens effect

17. A plants ability to convert sunlight energy to glucose is called _____.

a. photovoltaics b. photosynthesis c. phototropism d. photography

**Directions:** Write true or false under each statement.

18. We will eventually run out of fossil fuels.

19.B urning fossil fuels does not have any negative effects on the environment.

20. Plants produce oxygen as a waste product of photosynthesis

21. The amount of carbon today, is the exact amount that has always been on Earth.

22. Carbon is found in all living things.

23. The hottest layer of the atmosphere is mesosphere.

**Directions:** Answer the questions in your own words (Full Sentences and restate the question).

24. Why is it important to move to renewable energy?

25. Name 5 factors you can change in your life to reduce your carbon footprint.

26. Why did scientists originally not believe there was a hole forming in the Ozone Layer, even after their computer data showed evidence of the hole?