Fossil Fuels Quiz

Name: _____
Date: _____
Class: _____
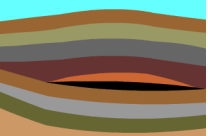
1. How is natural gas different from coal?

a. Natural gas is a renewable resource; coal is a fossil fuel
b. Natural gas is a form of petroleum; coal is extracted from coal deposits
c. Coal is a form of petroleum; natural gas is emitted by volcanoes
d. Coal is a fossil fuel; natural gas is a renewable resource

2. **Why are the remains of ancient organisms buried so deeply within the earth? Choose the best answer.**

a. They were swallowed up by major earthquakes
b. Most ancient organisms lived underground
c. They were buried by the meteor strike that killed the dinosaurs
d. They were buried by natural processes

3. What force is important in the creation of both coal and petroleum?

a. Putrefaction
b. Petrification
c. Pressure
d. Oxidation

4. How long does it take decaying organisms to transform into fossil fuels?

a. Decades
b. Millions of years
c. Thousands of years
d. Hundreds of years

5. How are fossil fuels taken from the earth?

a. Skimmed off the surface of the ocean
b. Through underground combustion
c. Through deep wells and mines
d. Brought to the surface using water

6. Which of the following is most likely to use coal as fuel?

a. Car
b. Stove
c. Airplane
d. Factory

7. Which of these is an advantage of fossil fuels?

a. They do not require much processing
b. You can extract them without complicated machinery
c. Burning them does not have any negative side effects
d. There is an unlimited supply of them

8. Why is burning fossil fuels bad for the environment?

a. It destroys the ozone layer
b. It adds harmful mercury to waterways
c. The clouds it creates bring excess rain and flooding
d. The gases emitted lead to global climate change

9. The gases produced by burning fossil fuels usually contain which element?

a. Carbon
b. Oxygen
c. Hydrogen
d. Nitrogen

10. How much of the world's energy comes from renewable resources?

a. Less than half
b. More than half
c. All
d. None