

Name _____



Energy Sources: True or False

Energy powers our homes, schools, and even the devices you're using now. Some sources can be renewed quickly by nature, while others take millions of years to form. Read each statement carefully and decide if it is **True (T)** or **False (F)**.

1. ___ Solar energy is considered renewable because sunlight is constantly available.
2. ___ Oil is a renewable resource since it can be replaced as fast as we use it.
3. ___ Burning coal releases greenhouse gases that can harm the environment.
4. ___ Wind turbines capture the movement of air to make electricity.
5. ___ Natural gas is renewable because it comes from deep underground.
6. ___ Hydropower uses water flow from rivers or dams to generate energy.
7. ___ Geothermal energy comes from heat stored beneath Earth's surface.
8. ___ Biomass includes organic materials like plants, food waste, or wood that can be used for energy.
9. ___ Nonrenewable resources will never run out, no matter how much we use them.
10. ___ Renewable resources can help reduce pollution and support sustainable energy use.

Bonus Question: Why do you think scientists and governments encourage the use of renewable energy over nonrenewable energy? Write a short answer in your own words.
