

Answer Key

Each question is worth 5 points each.

1. What is the most abundant resource that can make solid structures?
Carbon
2. How many kinds of different carbon compounds are there?
10 million
3. The white dwarf star BPM 37093 is composed of what carat size crystallized diamond?
10 billion trillion carats
4. The U.S. has the largest deposits of what natural resource in the world?
Coal
5. What causes more pollution per unit of energy than any other fuel?
Coal
6. Planting **300,000** new trees and allowing them a full life would offset the carbon dioxide emissions of one **500 megawatt** coal fired power plant operating for a little more than a **week**.
7. What is one of the softest materials in the world?
Graphite
8. Have pencils ever contained lead?
No
9. What is the brass part that holds the eraser to the pencil called?
Ferrule
10. Who has the world's largest graphite deposits?
China