

Chemical Properties of Soil

1. What is an element?
2. What is an atom?
3. What are the three components of atomic structure? List and define:
 - i.
 - ii.
 - iii.
4. What is a molecule?
5. How does a compound differ from a molecule?
6. What is a mineral?
7. What must be true in order for something to be organic?
8. What is an ion?
9. What is the difference between an anion and a cation?

10. How do chemical reactions differ from physical reactions?

11. What is the difference between oxidation and reduction?

12. What are the three rules of energy?

1

2

3

13. What are the two primary forces responsible for the creation of soil from solid rock?

1

2

14. What is the difference between physical, chemical, and biological weather? Provide a definition and example of each:

1

2

3

