CHAPTER 2: MINERALS AND MATTER

DISCUSSION QUESTIONS

1. What are minerals?
2. What makes matter?
3. What makes rocks?
4. Describe the basic model for the atom
5. What are electrons?
6. What are protons?
7. What are neutrons?
8. What is the Periodic Table?
9. What are some properties of elements?
10. Atomic weight
11. Atomic number
12. Valence
13. Isotopes
14. Elemental Symbol
15. Element name
16. Why is an element a “pure substance”?
17. How do atoms bond to one another?
18. What is an ion?
19. What is a cation?
20. What is an anion?
21. What are the 4 types of bonding?
22. What is ionic bonding?
23. What is covalent bonding?
24. What is metallic bonding?
25. What is Van de Waals bonding?
26. What is crystalline structure?
27. What is a crystal face?
28. What are the 8 elements that make up most rock forming minerals?
29. What are the7 mineral groups according to anion?
30. What is the silica tetrahedron?