

10. How do minerals form?

11. List and describe the physical properties of a mineral? Which is least useful?

12. How can you distinguish between a metallic and non-metallic mineral?

13. List the special properties of the following minerals:

a) Calcite

b) Magnetite

c) Willemite

d) Halite

e) Uraninite

14. Give the following minerals groups of the minerals listed below:

a) CuFeS_2

b) BaSO_4

c) $\text{Fe}_7(\text{SiO}_4)_3$

d) Zn

e) Fe_2O_3

15. What is a silica tetrahedron?