

Chapter 4 Minerals YSBAT

1. Which minerals are made up of sheets of tetrahedrons?
2. What is the hardness of most people's fingernail?
3. List the 4 ways minerals can form.
 - 1.
 - 2.
 - 3.
 - 4.
4. Why does magma tend to rise towards the surface?
5. How can large mineral crystals form?
6. How can small mineral crystals form?
7. Why are some minerals referred to as a gem?
8. Explain why is color not the most reliable way to identify a mineral?
9. Which group of minerals react to acids?
10. Thoroughly define mineral.
11. What is the most common mineral group?
12. Define specific gravity.
13. What is the Mohs scale?

14. What are the 8 most common elements in the Earth's crust?
15. Define crystal
16. Define gem
17. Define magma
18. Define ore
19. Define silicate
20. Define cleavage
21. Define fracture
22. Define hardness
23. Define luster
24. Define streak
25. Why are silicates so common?
26. How hard are porcelain streak plates?
27. Can some minerals have more than one cleavage plane? Give an example.