

Rocks and Minerals Study Guide-ANSWER KEY

Rocks and Minerals are non-living things.

What are rocks made of? one or more minerals

Properties of Rocks & Minerals

Hardness - how a rock scratches other material

Example: can be scratched with a fingernail (easy to scratch) the rock has a low hardness of a 1 or 2 on Mohs Scale, but a rock that cannot even be scratched by a nail (very hard) is a 7 or higher.

Color - the color of a rock or mineral through observation (by looking at it)

Luster - how a rock reflects light (how shiny or dull it is)

Example: Copper, Gold and Silver have a metallic (shiny) luster but gypsum or talc are nonmetallic (dull)

Texture - how a rock or mineral feels, the shape and size of the grains that make up the rock.

Example: smooth = fine, very small grains OR

Rough= coarse grained, bumpy feeling, larger sized grains.

What is the Mohs Hardness Scale?

- It is a scale that is used to tell the hardness of a mineral. The scale ranges from 1 to 10.
- Minerals that have a hardness on the lower end of the scale are not very hard.
- Minerals that have a hardness on the higher end of the scale are hard.
- A diamond is the hardest mineral.

Minerals Guide And Study

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