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Mineral Hardness

Using the Mohs scale in your textbook and information from your notes to determine which mineral is being mentioned.

Example: A fingernail can easily scratch it and it is harder than talc.

Mineral name: Gypsum

Hardness: Two (2.0)

1. It is the hardest known mineral.

Mineral name: _____ Hardness: _____

2. It is scratched by all other minerals, including itself.

Mineral name: _____ Hardness: _____

3. This mineral can be scratched by diamond, but not by topaz.

Mineral name: _____ Hardness: _____

4. A steel knife can scratch it and so can feldspar, but it cannot be scratched by fluorite. Mineral name: _____ Hardness: _____

5. It can scratch a mineral with a hardness of 3 and it can be scratched by a mineral with a hardness of 3.

Mineral name: _____ Hardness: _____

6. A copper penny can scratch it and it is the first mineral on the scale to scratch your fingernail. Mineral name: _____ Hardness: _____

7. It can scratch steel, glass, and corundum.

Mineral name: _____ Hardness: _____

8. It cannot scratch quartz, but it can scratch glass.

Mineral name: _____ Hardness: _____