What are some properties of minerals?

Mineral # Hematite Hardness 5-6

Streak _____ Luster _____

Color _____

Cleavage _____ Fracture _____





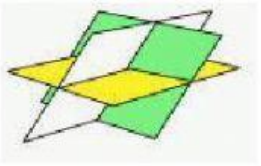
Mineral # Calcite Hardness 3

Streak _____ Luster _____

Color _____

Cleavage _____ Fracture _____









Mineral # Quatz Hardness 7

Streak _____ Luster _____

Color _____

Cleavage _____ Fracture _____





Mineral # Pyrite Hardness 6

Streak _____ Luster _____

Color _____

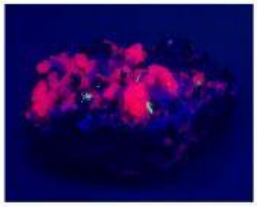
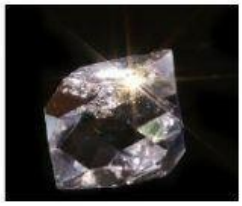
Cleavage _____ Fracture _____





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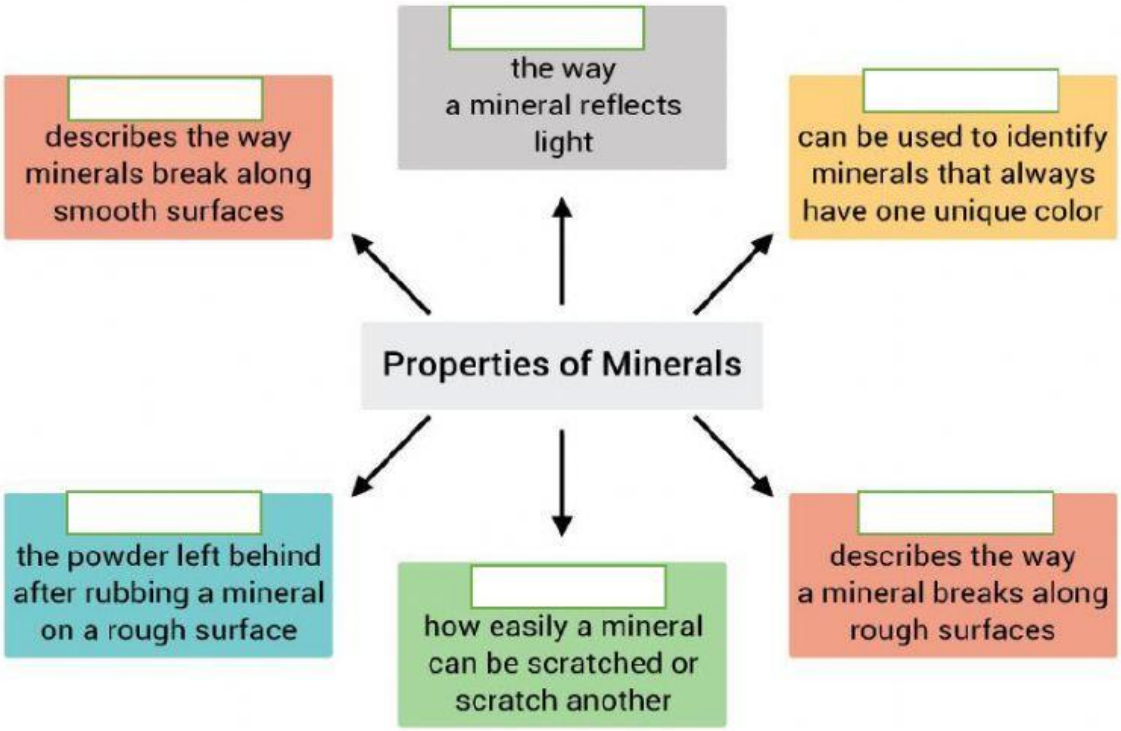
Some minerals have other Special properties that can be used to help identifying them:

				
glows under ultraviolet light.	has magnetic properties	Gives off an odor of garlic when it heated	Is a good conductor of electricity and heat.	Gives off sparks when its surface is scratches with a steel pin.

Mineral properties are very useful to identify minerals. Some properties can be observed directly, while tests must be performed to observe other properties.

Properties which can be observed.	Properties that must be tested.
• color • luster	• streak • hardness • density • special properties

Cleavage, fracture, and crystal structure can sometimes be observed just by looking at a mineral. However, some mineral samples require other tests to identify these properties.



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