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GE0 113 001

Extra Credit

1. Calcite is colorless, it is white with lighter shades of yellow, orange, blue, pink, red, brown, black, green and gray. Quartz is white and cloudy. Calcite also has a luster that's nearly dull and quartz has a glassy luster.
2. The difference between Quartz and Feldspar is that Feldspar has cleavage from breakage and Quartz doesn't.
3. Muscovite is clear while Biotite is dark from magnesium.
4. Mineral cleavage occurs when a mineral breaks smoothly parallel to zones of weak bonding.
5. Silicate minerals share similar colors, so using color as an identifying agent isn't the best.
6. Eight major igneous rock forming silicate minerals include, Olivine, Pyroxene, Amphibole, Mica, Feldspar, Garnet, Aluminum, and Zeolites.