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Atomic Emissions Spectroscopy Procedure

* Use a spectroscope to observe an incandescent bulb.
* Repeat with red paper over the bulb, then blue.
* Use a spectroscope to observe the spectrum emitted by fluorescent lights.
* Use a spectroscope to observe a sodium lamp and then hydrogen and helium discharge tubes.
* Measure the distance between the discharge tubes and the diffraction grating.
* Record the locations of different spectral lines from either end of the meter stick.
* Calculate tan and sin of theta for each spectral line.
* Calculate wavelength where n=1 is the first line to appear on the spectrum.