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Write the electron configuration for the Sulfur atom. How many electrons in sulfur are in p orbitals? And is sulfur paramagnetic?

Write the electron configuration of the aluminum **ion**. Is the aluminum ion paramagnetic?

Which is easier to ionize, the potassium ion or the magnesium atom? Explain

Which is larger, the rubidium (Rb) atom or the cesium (Cs) ion? Explain.

Which has the larger electron affinity, the boron atom (B) or the beryllium atom (Be)? Explain.