

06/20/23

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

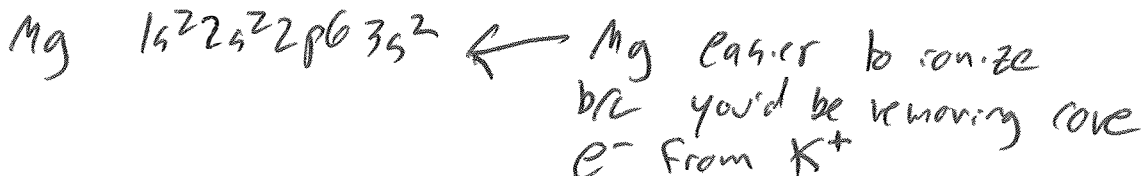
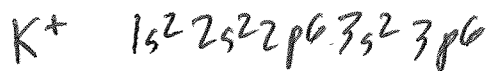


Yes paramagnetic

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.

Rb atom < Cs atom but Cs^+ ion is much smaller than Cs atom so Rb atom > Cs^+ ion

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

