						Helium-He **Physical State:** gas **Density:** 0.00018 g/cm^3 **Hardness:** none **Conductivity:** none **Color:** colorless **Reactivity:** non-reactive **Electrons:** doesn't gain or lose
Lithium-Li **Physical State:** solid **Density:** 0.534 g/cm^3 **Hardness:** soft, claylike **Conductivity:** good **Color:** silver **Reactivity:** very reactive **Electrons:** loses 1 e$^-$	**Beryllium-Be** **Physical State:** solid **Density**: 1.85 g/cm^3 **Hardness**: brittle **Conductivity**: excellent **Color**: gray **Reactivity**: reactive **Electrons**: loses 2 e$^-$			**Carbon-C** **Physical State**: solid **Density:** 2.10 g/cm^3 **Hardness**: soft, yet brittle **Conductivity**: good **Color:** black **Reactivity:** fairly reactive **Electrons:** shares/gains/loses 4 e$^-$	**Unknown #2** **Physical State**: gas **Density**: 0.00170 g/cm^3 **Hardness**: none **Conductivity**: very poor **Color**: pale yellow **Reactivity**: very reactive **Electrons**: gains 1 e$^-$ or shares	**Neon-Ne** **Physical State**: gas **Density**: 0.00090 g/cm^3 **Hardness**: none **Conductivity**: very poor **Color**: colorless **Reactivity**: non-reactive **Electrons**: doesn't gain or lose
Sodium-Na **Physical State:** solid **Density**: 0.971 g/cm^3 **Hardness**: soft, claylike **Conductivity**: good **Color**: silver **Reactivity**: very reactive **Electrons**: loses 1 e$^-$	**Unknown #8** **Physical State**: solid **Density**: 1.74 g/cm^3 **Hardness**: medium **Conductivity**: good **Color**: silvery white **Reactivity**: reactive **Electrons**: loses 2 e$^-$			**Unknown #1** **Physical State**: solid **Density**: 2.33 g/cm^3 **Hardness**: brittle **Conductivity**: intermediate **Color**: gray **Reactivity**: fairly reactive **Electrons**: shares/gains/loses 4 e$^-$	**Chlorine-Cl_2** **Physical State:** gas **Density:** 0.00321 g/cm^3 **Hardness:** none **Conductivity:** very poor **Color:** greenish yellow **Reactivity:** very reactive **Electrons:** gains 1 e$^-$ or shares	**Argon-Ar** **Physical State**: gas **Density**: 0.00178 g/cm^3 **Hardness**: none **Conductivity**: very poor **Color**: colorless **Reactivity**: non-reactive **Electrons**: doesn't gain or lose
Potassium-K **Physical State:** solid **Density**: 0.86 g/cm^3 **Hardness**: soft, claylike **Conductivity**: good **Color**: silver **Reactivity**: very reactive **Electrons**: loses 1 e$^-$	**Calcium-Ca** **Physical State**: solid **Density**: 1.57 g/cm^3 **Hardness**: medium **Conductivity**: good **Color**: silvery white **Reactivity**: reactive **Electrons**: loses 2 e$^-$	**Copper-Cu** **Physical State**: solid **Density**: 8.96 g/cm^3 **Hardness**: somewhat soft **Conductivity**: excellent **Color**: copper **Reactivity**: not very reactive **Electrons**: N/A	**Gallium-Ga** **Physical State**: solid **Density**: 5.904 g/cm^3 **Hardness**: soft **Conductivity**: medium **Color**: silvery **Reactivity**: fairly reactive **Electrons**: loses 3 e$^-$	**Unknown #7** **Physical State**: solid **Density**: 5.32 g/cm^3 **Hardness**: fairly brittle **Conductivity**: fair to poor **Color**: gray **Reactivity**: fairly reactive **Electrons**: gains or loses 4e$^-$	**Bromine-Br_2** **Physical State**: gas **Density**: 3.12 g/cm^3 **Hardness**: none **Conductivity**: very poor **Color**: reddish brown **Reactivity**: very reactive **Electrons**: gains 1 e$^-$ or shares	**Unknown #4** **Physical State**: gas **Density**: 0.00374 g/cm^3 **Hardness**: none **Conductivity**: very poor **Color**: colorless **Reactivity**: non-reactive **Electrons**: doesn't gain or lose
Unknown #3 **Physical State:** solid **Density**: 1.53 g/cm^3 **Hardness**: soft **Conductivity**: good **Color**: silvery white **Reactivity**: very reactive **Electrons**: loses 1 e$^-$	**Unknown #6** **Physical State:** solid **Density**: 2.54 g/cm^3 **Hardness**: somewhat soft **Conductivity**: good **Color**: silvery white **Reactivity**: reactive **Electrons**: loses 2 e$^-$	**Silver-Ag** **Physical State:** solid **Density:** 10.50 g/cm^3 **Hardness:** somewhat soft **Conductivity:** excellent **Color:** silver **Reactivity:** not very reactive **Electrons:** N/A	**Indium-In** **Physical State**: solid **Density**: 7.31 g/cm^3 **Hardness**: very soft **Conductivity**: medium **Color**: silvery white **Reactivity**: fairly reactive **Electrons**: loses 3 e$^-$	**Tin-Sn** **Physical State**: solid **Density**: 7.31 g/cm^3 **Hardness**: somewhat soft **Conductivity**: good **Color**: silver **Reactivity**: fairly reactive **Electrons**: gains/loses 4 e$^-$	**Iodine- I_2** **Physical State**: solid **Density**: 4.593 g/cm^3 **Hardness**: soft **Conductivity**: very poor **Color**: bluish black **Reactivity**: very reactive **Electrons**: gains 1 e$^-$ or shares	**Xenon-Xe** **Physical State**: gas **Density**: 0.00585 g/cm^3 **Hardness**: none **Conductivity**: very poor **Color**: colorless **Reactivity**: non-reactive **Electrons**: doesn't gain or lose
Cesium-Cs **Physical State:** solid **Density**: 1.87 g/cm^3 **Hardness**: soft **Conductivity**: good **Color**: silvery white **Reactivity**: very reactive **Electrons**: loses 1 e$^-$	**Barium-Ba** **Physical State**: solid **Density**: 3.6 g/cm^3 **Hardness**: soft **Conductivity**: good **Color**: silvery white **Reactive**: reactive **Electrons**: loses 2 e$^-$	**Unknown #5** **Physical State**: solid **Density**: 19.3 g/cm^3 **Hardness**: soft **Conductivity**: excellent **Color**: gold **Reactivity**: not very reactive **Electrons**: N/A	**Unknown #9** **Physical State**: solid **Density**: 11.85 g/cm^3 **Hardness**: very soft **Conductivity**: medium **Color**: silvery white **Reactivity**: fairly reactive **Electrons**: loses 3 e$^-$	**Lead-Pb** **Physical State**: solid **Density**: 11.35 g/cm^3 **Hardness**: somewhat soft **Conductivity**: poor **Color**: gray **Reactivity**: fairly reactive **Electrons**: gains or loses 4 e$^-$		