Li	
Physical State	solid
Density	0.534 g/cm³
Hardness	soft, claylike
Conductivity	good
Solubility (H_2O)	reacts with water
Melting Point	180 °C
Color	silver

Cl_2	
Physical State	gas
Density	0.00321 g/cm³
Hardness	none
Conductivity	very poor
Solubility (H_2O)	slight
Melting Point	-101 °C
Color	greenish yellow

Ag	
Physical State	solid
Density	10.50 g/cm³
Hardness	somewhat soft
Conductivity	excellent
Solubility (H_2O)	none
Melting Point	961 °C
Color	silver

He	
Physical State	gas
Density	~0.00018 g/cm³
Hardness	none
Conductivity	very poor
Solubility (H_2O)	none
Melting Point	-272 °C
Color	colorless

Cu	
Physical State	solid
Density	8.96 g/cm³
Hardness	somewhat soft
Conductivity	excellent
Solubility (H_2O)	none
Melting Point	1083 °C
Color	brownish orange

Na	
Physical State	solid
Density	0.971 g/cm³
Hardness	soft, claylike
Conductivity	good
Solubility (H_2O)	reacts rapidly
Melting Point	98 °C
Color	silver

C	
Physical State	solid
Density	2.10 g/cm³
Hardness	soft, yet brittle
Conductivity	good
Solubility (H_2O)	negligible
Melting Point	3550 °C
Color	black

Ca	
Physical State	solid
Density	1.57 g/cm³
Hardness	medium
Conductivity	good
Solubility (H_2O)	reacts
Melting Point	845 °C
Color	silvery white

Be	
Physical State	solid
Density	1.85 g/cm³
Hardness	brittle
Conductivity	excellent
Solubility (H_2O)	none
Melting Point	1287 °C
Color	gray

Sn	
Physical State	solid
Density	7.31 g/cm³
Hardness	somewhat soft
Conductivity	good
Solubility (H_2O)	none
Melting Point	232 °C
Color	silver

Ne	
Physical State	gas
Density	~0.00090 g/cm³
Hardness	none
Conductivity	very poor
Solubility (H_2O)	none
Melting Point	-249 °C
Color	colorless

Br_2	
Physical State	liquid / gas
Density	3.12 g/cm³
Hardness	none
Conductivity	very poor
Solubility (H_2O)	negligible
Melting Point	-7.2 °C
Color	reddish brown

K	
Physical State	solid
Density	0.86 g/cm³
Hardness	soft, claylike
Conductivity	good
Solubility (H_2O)	reacts rapidly
Melting Point	63 °C
Color	silver

Ba	
Physical State	solid
Density	3.6 g/cm³
Hardness	soft
Conductivity	good
Solubility (H_2O)	reacts strongly
Melting Point	710 °C
Color	silvery white

Xe	
Physical State	gas
Density	~0.00585 g/cm³
Hardness	none
Conductivity	very poor
Solubility (H_2O)	none
Melting Point	-119.9 °C
Color	colorless

In	
Physical State	solid
Density	7.31 g/cm³
Hardness	very soft
Conductivity	medium
Solubility (H_2O)	none
Melting Point	157 °C
Color	silvery white

I_2	
Physical State	solid
Density	4.93 g/cm³
Hardness	soft
Conductivity	very poor
Solubility (H_2O)	negligible
Melting Point	113.5 °C
Color	bluish-black

Ga	
Physical State	solid
Density	5.904 g/cm³
Hardness	soft
Conductivity	medium
Solubility (H_2O)	none
Melting Point	30 °C
Color	silvery

Ar	
Physical State	gas
Density	~0.00178 g/cm³
Hardness	none
Conductivity	very poor
Solubility (H_2O)	none
Melting Point	-189.2 °C
Color	colorless

Pb	
Physical State	solid
Density	11.35 g/cm³
Hardness	somewhat soft
Conductivity	poor
Solubility (H_2O)	none
Melting Point	327.5 °C
Color	gray

Cs	
Physical State	solid
Density	1.87 g/cm³
Hardness	soft
Conductivity	good
Solubility (H_2O)	reacts violently
Melting Point	29 °C
Color	silvery white

Unknown Elements

Unknown #1	
Physical State	solid
Density	2.33 g/cm³
Hardness	brittle
Conductivity	intermediate
Solubility (H_2O)	none
Melting Point	1410 °C
Color	gray

Unknown #2	
Physical State	gas
Density	~0.00170 g/cm³
Hardness	none
Conductivity	very poor
Solubility (H_2O)	slight
Melting Point	-219.6 °C
Color	pale yellow

Unknown #3	
Physical State	solid
Density	1.53 g/cm³
Hardness	soft
Conductivity	good
Solubility (H_2O)	reacts violently
Melting Point	39 °C
Color	silvery white

Unknown #4	
Physical State	gas
Density	0.00374 g/cm³
Hardness	none
Conductivity	very poor
Solubility (H_2O)	none
Melting Point	-156.6 °C
Color	colorless

Unknown #5	
Physical State	solid
Density	19.3 g/cm³
Hardness	soft
Conductivity	excellent
Solubility (H_2O)	none
Melting Point	1064 °C
Color	yellowish orange

Unknown #6	
Physical State	solid
Density	2.54 g/cm³
Hardness	somewhat soft
Conductivity	good
Solubility (H_2O)	reacts rapidly
Melting Point	769 °C
Color	silvery white

Unknown #7	
Physical State	solid
Density	5.32 g/cm³
Hardness	fairly brittle
Conductivity	fair to poor
Solubility (H_2O)	none
Melting Point	937 °C
Color	gray

Unknown #8	
Physical State	solid
Density	1.74 g/cm³
Hardness	medium
Conductivity	good
Solubility (H_2O)	reacts slowly
Melting Point	651 °C
Color	silvery white

Unknown #9	
Physical State	solid
Density	11.85 g/cm³
Hardness	very soft
Conductivity	medium
Solubility (H_2O)	none
Melting Point	303 °C
Color	silvery white