

Name: _____

Section: _____

Data and Results

Substance	Melting range (check one)	Soluble in xylene?	Soluble in ethanol?	Soluble in water?	Conducts electricity as a solid?	Conducts as an aqueous solution?	<u>Classification:</u> Metallic Ionic Molecular (P) Molecular (NP) Network-Cov.
Known A	<input type="checkbox"/> <100 °C <input type="checkbox"/> 100–300 °C <input type="checkbox"/> 300–600 °C <input type="checkbox"/> 600 °C						
Known B	<input type="checkbox"/> <100 °C <input type="checkbox"/> 100–300 °C <input type="checkbox"/> 300–600 °C <input type="checkbox"/> 600 °C						
Known C	<input type="checkbox"/> <100 °C <input type="checkbox"/> 100–300 °C <input type="checkbox"/> 300–600 °C <input type="checkbox"/> 600 °C						
Known D	<input type="checkbox"/> <100 °C <input type="checkbox"/> 100–300 °C <input type="checkbox"/> 300–600 °C <input type="checkbox"/> 600 °C						
Known E	<input type="checkbox"/> <100 °C <input type="checkbox"/> 100–300 °C <input type="checkbox"/> 300–600 °C <input type="checkbox"/> 600 °C						
Known F	<input type="checkbox"/> <100 °C <input type="checkbox"/> 100–300 °C <input type="checkbox"/> 300–600 °C <input type="checkbox"/> 600 °C						
Unknown A	<input type="checkbox"/> <100 °C <input type="checkbox"/> 100–300 °C <input type="checkbox"/> 300–600 °C <input type="checkbox"/> 600 °C						
Unknown B	<input type="checkbox"/> <100 °C <input type="checkbox"/> 100–300 °C <input type="checkbox"/> 300–600 °C <input type="checkbox"/> 600 °C						