## **Section 6.4 Interest Grabber**

## **Comparing Melting Points**

The table below compares the melting points of some metal elements, nonmetal elements, and ionic compounds. Study the table and answer the question.

	Name	Melting Point
Metals	Chromium (Cr)	1907°C
	Titanium (Ti)	1668°C
Nonmetals	Sulfur (S <sub>8</sub> )	115°C
	Iodine (I <sub>2</sub> )	114°C
Ionic Compounds	Calcite (CaCO <sub>3</sub> )	1330°C
	Magnesium Oxide	2825°C
	(MgO)	

Is bonding in metals more like bonding between nonmetals or bonding in ionic compounds? Give a reason for your answer.

Bonding in metals is more like the bonding in ionic compounds because the melting points of metals and ionic compounds are higher than those of nonmetals.