Class

Date

Formation of Compounds

Service of the servic





Interpreting Data and Lab Skills

Use with text pages 119 - 151

Analyzing Data

Listed below are some imaginary data for a series of compounds. Based on what you have learned in this chapter, predict whether each compound is probably ionic (I) or covalent (C). If the information given might apply to either kind of compound, write a question mark (?).

- Has a melting point of 1650°C.
 M Is a gas at room temperature.
- 3. _____/ When melted, conducts an electric current well.
- 4. _____ Is found in Earth's crust.
- 5. _____ Is highly soluble in water.
- 6. _____ Is a white solid at -100°C.
- 7. Mas a boiling point of 13.2°C.
- 8. _____ Is composed of a metal and a nonmetal.
- 9. When dissolved in water, does not conduct an electric current.
- 10. _____ Is a hard, rough crystal.

Type of bonds Type of bonds Type of bonds Onic Compounds Onic Compounds Onic Compounds Onic Compounds	moster gas liquid	Locion	temperature
in in of the state		I can more arrang	State of matter at room
	<i>N</i> ₀	ended electricity when	Conduct electricity?
	low	N.Sh	Relative boiling point
37.0			Relative melting point
	Showed	give/table	What happens to e- in bonds?
lonic Compounds	Covalent	21V0	Type of bonds
		lonic Compounds	

What happens to the electrons in metals? valence e are showed between all to How does this contribute to the conductivity of metals?

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