

Name : Date :

Properties of Ionic, Covalent, and Metallic Bonds

Identify whether the following properties or statements are about ionic (I), covalent (C), or metallic (M) bonds.

- a. Formed by a metal and a non-metal _____
- b. Formed by two or more non-metals _____
- c. Conducts electricity as a solid _____
- d. Conducts electricity either in a solution or in liquid form _____
- e. Poor conductor of electricity _____
- f. High melting points _____
- g. Low melting points _____
- h. High boiling points _____
- i. Low boiling points _____
- j. Malleability _____
- k. Ductility _____
- l. Luster _____
- m. Held together by a "sea of electrons" _____
- n. Formed by the sharing of electrons _____
- o. Formed by the transfer of electrons _____

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