

Properties of different structures

Substance	Melting point °C	Conducts electricity when solid	Conducts electricity when molten	Dissolves in water
A	1500	No	Yes	No
B	2900	No	No	No
C	200	Yes	Yes	No
D	-80	No	No	Yes
E	10	No	No	No
F	1874	Yes	Yes	No
G	950	No	Yes	Yes
H	2500	Yes	No	No

- a. Which of the above substances contain ionic bonds? (2)
- b. Which of the above substances are giant covalent? Explain your answer. (3)
- c. Which of the above substance have a giant metallic structure? Explain your answer. (3)
- d. Which substances are simple molecular? (2)