Name ___

The effect of bonding on properties



Complete each statement about bonding.

Molecules do not conduct electricity because...

Graphite conducts electricity because...

Copper conducts electricity because...

...there are no free electrons to carry a charge.

...it contains a sea of free electrons.

...there are free electrons between layers of atoms

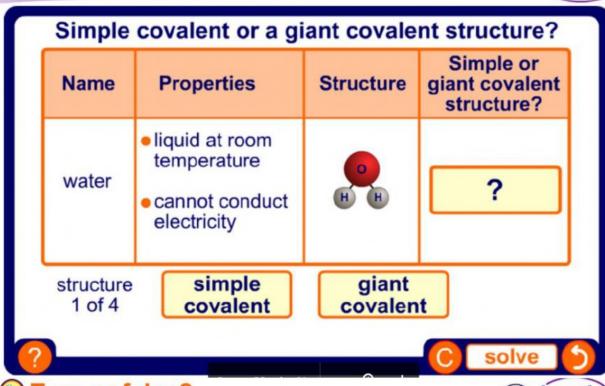
solve



BLIVEWORKSHEETS

Simple or giant covalent structure?





True or false?



Are these statements about bonding true or false	?
No giant covalent structures conduct electricity.	
2. Molecular solids contain covalent bonds.	
3. Metals are held together by weak forces.	
4. Diamond contains ionic bonds.	
5. Covalent compounds are insoluble in water.	
6. Ionic compounds are insoluble in water.	
true false	