Vocabulary Review

Give the type of bond or force described by the following:

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| *Your choices can be (and you will use some them more than once):* **Covalent Metallic Bond Network Solid** **Ionic bond Van der Waals (Intermolecular)**   |

1. This bonding is found between cations and anions.

2. This is found between atoms of nonmetals.

 3. This is found between atoms of metals.

 4. This is the force that holds quartz together.

 5 This is a term to describe all intermolecular forces.

 6. This is the force that produces electrical conductivity in the solid state.

 7. This is the force that produces an electrical insulator in the solid state but an electrical conductor in the liquid state.

 8. This is the force that holds crystals of table salt together.

 9. This is the force that holds a diamond together.

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| *Your choices can be (and you will use some them more than once):***Polar Covalent Hydrogen Bond London Force****Nonpolar Covalent Dipole-Dipole Force Ionic Bond** |

10. This is the term to describe the attraction between one polar molecule and another polar molecule.

11. This is the term to describe the attraction between one nonpolar molecule and another nonpolar molecule.

12. This is the force inside a molecule of bromine (holds **the** molecule together).

13. This is the force between two molecules of bromine (holds molecul**es** together).

14. This is the force inside a molecule of methane CH4.

15. This is the force between two molecules of methane CH4.

16. This is the force that holds cesium fluoride together.

17. This is the force that holds the carbon to the oxygen in carbon dioxide.

18. This is the force inside a water molecule (H2O)

19. This is the force between water molecules.

20. This is the force inside a molecule of nitrogen (N2).

21. This is the force between two molecules of nitrogen.