

they do not break into ions	an ionic	polyatomic	transferred
double	shared	polar	ionic
potassium oxide	negative	the liquids do not mix	
the opposite pulling of it's polar bonds cancel out	low melting points	two pairs of shared electrons	3

16. What is a double bond? _____

17. How many pairs of electrons are shared in a triple bond? _____

18. Which is a property shared by most molecular compounds? _____

19. Molecular compounds do not conduct electricity because _____

20. A covalent bond in which electrons are shared unequally is _____

21. Why is carbon dioxide non-polar? _____

22. Water is polar and oil is non-polar. What happens when the two liquids are poured into the same container? _____

23. When an atom gains an electron it becomes a _____ ion.

24. The attraction between a positive ion and a negative ion results in _____ bond.

25. A _____ ion is an ion made of more than one atom.

26. The compound with the formula K_2O is called _____

27. Orderly crystals shapes, high melting points, and electrical conductivity when dissolved in water are properties of _____ compounds.

28. When electrons are _____ between two atoms, a covalent bond is formed.

29. A _____ covalent bond forms when two pairs of electrons are shared between two atoms.

30. An ion is formed when electrons are _____ between atoms.