

they do not
break into ions

double

potassium oxide

the opposite pulling
of it's polar bonds
cancel out

an ionic

shared

negative

low melting
points

polyatomic

polar

the liquids
do not mix

two pairs of
shared electrons

transferred

ionic

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 crystal 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.