IONIC BONDING

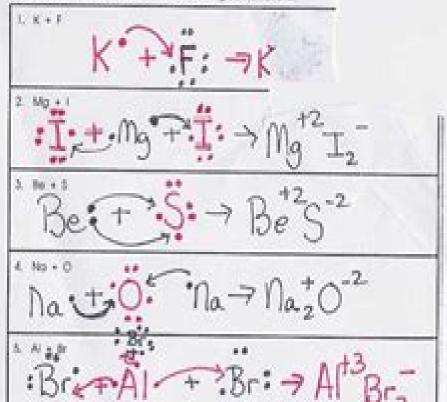
torse bonding occurs when a metal franches one or more electrons to a nonmotal in an effort to affain a stable acted of electrons. For example, the transfer of an electron from sodium to chiotine can be depicted by a Levis dof diagram.



Colcium would need two chlorine atoms to get sid of its two volence electrons.



Show the honsfer of electrons in the following combinations.



COVALENT BONDING

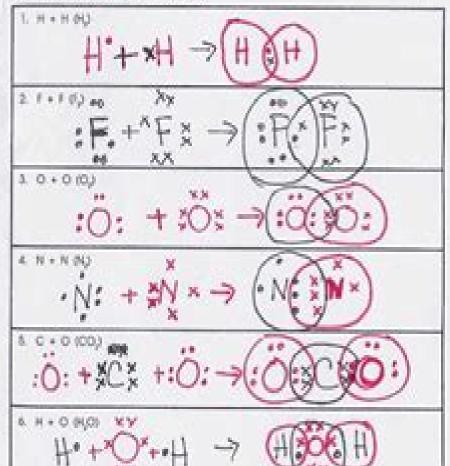
None

Covalent bonding occurs when two or more nonmetes share electrons, attempting to attain a stable oction of electrons at least part of the time. For example:



Note that hydrogen is content with 2, not 8, electrons.

Show how constant bonding occurs in each of the following pairs of atoms. Atoms may share one, two or three pairs of electrons.



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Robert R. Redfield

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