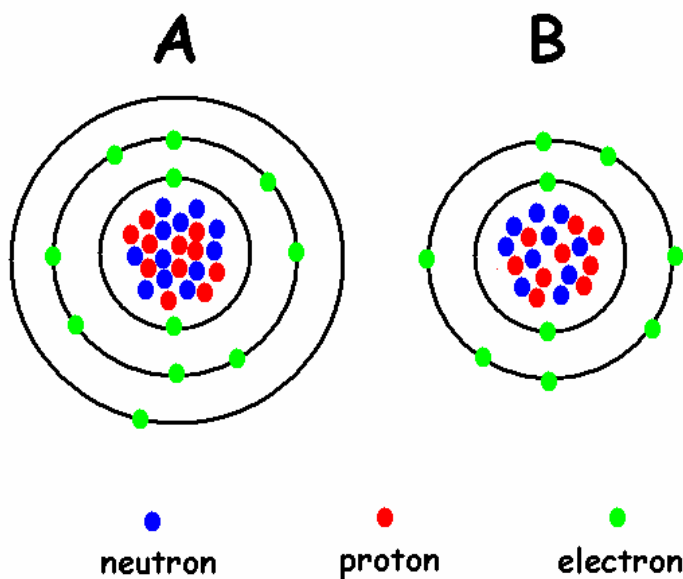


CHEMISTRY WORKSHEET

1. In the following picture, atoms A and B are close enough to react.



- a) Are the electrons in atom A attracted to or repelled by the electrons in atom B?
- b) Are the electrons in atom A attracted to or repelled by the nucleus of atom B?
- c) How many electrons does each atom have?
- d) Identify each element. (Hint: the number of electrons equals the atomic number)
- e) How many neutrons does each atom have? (You can either count them or subtract their Atomic Number from their Atomic Mass.)

IDENTIFY EACH OF THE FOLLOWING REACTIONS
AS ONE OF THE FOLLOWING

Combination

Decomposition

Ionization

Radiative Recombination

Single Replacement

Negative Ion Reaction

Charge Transfer

Double Replacement

