Chemical bonds types of bonds worksheet answers key 5th class science

I'm not robot!

Chemical Bonding Practice

Name_____ Date_____ Period_____

Matching

1. _____ Covalent Bond
2. _____ Anion
3. _____ Electronegativity
4. _____ Polar Bond
5. _____ Chemical Bond
6. _____ Nonpolar Bond
7. _____ Cation
8. _____ Ionic Bond

A. a negatively charged ion
B. bond that occurs when two atoms share electrons
C. the bonding of two atoms from an electrical attraction of valence electrons
D. a positively charged ion
E. a type of covalent bond where electrons are equally shared.
F. a type of covalent bond where electrons are shared unequally.
G. bond formed when an electron transfers from one atom to another
H. the measure of how much an atom attracts electrons

Fill in the Blank

Word Bank		
Electronegativity	Polar Covalent	Ionic
Covalent	Nonpolar Covalent	Valence

9. The transferring of electrons occur in _____ bonds.

10. In _____ bonds a pair of valence electrons are shared.

11. Bonds between atoms of the same element are always _____.

12. An atom with a high _____ will have a high affinity for electrons.

13. When one atom of a bond has electrons more often than the other, the bond will be classified as _____.

14. Atoms with a low electronegativity are more likely to lose their _____ electrons.

Short Answer

15. Explain why are atoms more stable when they combine with other atoms?

PLANT MCQS

Tick the correct answer from the options given below each question.
(Find the answers on the next page.)

1. A seed in a state of rest is
   A – Spore
   B – Dormant
   C - Sprouting
2. When you combine an egg with the material in pollen, you get
   A – Embryo
   B – Sepal
   C – Seed
3. This kind of plant does not make seeds
   A – Fern
   B – Conifer
   C – Rose
4. This tree has flowers without petals
   A – Orange
   B – Willow
   C – Peach
5. These parts of flowers help protect those areas where seeds are made.
   A –Petals
   B – Pistils
   C - Stamen

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Our Solar System

A planet is a large round object that travels around the sun. Our solar system has eight planets. Study the diagram below. Then answer the questions.

1. Which planet is the largest? _____

2. True or false: Half of the planets have rings. _____

List the planets that have rings. _____

3. Which two planets are closest to the sun? _____