Quiz# 4

1. **Short response.** If an atom loses an electron what is it called?

**Cation**

1. **SHORT RESPONSE.** If an atom gains an electron what is it called?

**Anion**

1. **FILL IN THE BLANK.**Musical glass worksheet and demonstration in class.
   1. When water increases frequency decreases results in a \_**lower pitch**\_\_\_\_ sound.
   2. When water decreases frequency increases results in a \_\_**higher pitch**\_ sound.
2. **FILL IN THE BLANK.** Water is called the universal solvent because \_\_**more**\_\_ substances dissolve in water than any other chemical.
3. **TELL ME HOW MANY OF EACH ATOM YOU HAVE.** Number of atoms in a water molecule?

**3 atoms (2 hydrogen, 1 oxygen)**

1. **SHORT RESPONSE.** Which atom is more electronegative hydrogen or oxygen?

**Oxygen**

1. **FILL IN THE BLANK. FILL IN THE BLANK.** Water is a good solvent because it allows other ­­­­­­\_\_**substances**\_\_\_\_\_ to become a part of it.
2. **RESPONSE.** How does table salt dissolves and how it combines with water molecule?

**Table salt breaks apart because of the positive and negative charges combining with water.**

1. **RESPONSE.** What is water surface tension?

**The ability of water molecule to pack tightly**