

## Chemthink: Ionic Bonding

Ionic Bonds are formed between \_\_\_\_\_ and involved the \_\_\_\_\_ of ions.

Charges that are alike will \_\_\_\_\_ each other, while opposite charges will \_\_\_\_\_ and \_\_\_\_\_ together.

In order to build an ionic compound, you must have both a \_\_\_\_\_ ion and a \_\_\_\_\_ ion.

The positive ion will be formed from an atom that has a tendency to \_\_\_\_\_ electrons and will usually be a \_\_\_\_\_.

A negative ion will be formed from an atom that has a tendency to \_\_\_\_\_ electrons and will usually be a \_\_\_\_\_.

Conclusion: \_\_\_\_\_ and \_\_\_\_\_ can bond together by forming an ionic bond.

When multiple ion pairs are attracted to each other it forms an ionic \_\_\_\_\_.

In ionic compounds the formula tells us the \_\_\_\_\_ between \_\_\_\_\_ in the crystal.