

Chemistry: Quiz 2 (Chapter 4)

1. What is an ion?
2. What is the charge on an ion with 6 protons and 7 electrons?
3. What is the charge on an ion with 3 protons and 1 electron?
4. What creates an ionic bond?
5. What types of structures do ionic bonds form?

Chemistry: Quiz 2 ANSWER KEY

1. What is an ion?

Atom with a charge (unequal number of protons and electrons)

2. What is the charge on an ion with 6 protons and 7 electrons?

-1

3. What is the charge on an ion with 3 protons and 1 electron?

+2

4. What creates an ionic bond?

Positive ion attracted to negative ion

5. What types of structures do ionic bonds form?

Lattice structures