

Name: _____ Period: _____ Date: _____

Electron Configuration Exit Quiz – Teacher Edition

- 1. Define the term valence electron**

- 2. Describe the way in which electrons fill up electron shells.**

- 3. Define the term orbital:**

- 4. Name the four types of sub-shells.**

- 5. How many electrons is each orbital able to hold?**

Electron Configuration Exit Quiz – Teacher Edition

1. Define the term valence electron

The valence electrons are those electrons which are found in the outer most shell of an atom.

2. Describe the way in which electrons fill up electron shells.

Electron shells are filled up from the lowest possible energy level through to the highest.

3. Define the term orbital:

An orbital is the area around the nucleus where there is the greatest likelihood of finding electrons.

4. Name the four types of orbitals.

S, p, d and f

5. How many electrons is each orbital able to hold?

Each orbital is able to hold a maximum of two electrons.