

Distinguish, differentiate, compare and explain what is the main difference between Orbit and Orbital in physics. Comparison and Differences.

## **Difference between Orbit and Orbital**

1. An orbit is a well defined circular path around the nucleus in which the electron revolves. An orbital is a three-dimensional space around the nucleus within which the probability of finding an electron is maximum.
2. The maximum number of electrons in any orbit is given by  $2 \text{ Square}(n)$ , where  $n$  is the number of the orbit. The maximum number of electrons present in any orbit is two.

Steady Run