NAME: **HONORS CHEMISTRY**

SECTION: Electron Configurations Practice

Complete the following table of ground state electron configurations:

|  |  |  |
| --- | --- | --- |
| ***Element*** | ***Arrows and boxes (Orbital notation)*** | ***Spectroscopic notation*** |
| Oxygen |  |  |
| Gallium |  |  |
|  |  | 1s2 2s2 2p6 3s2 3p5 |
|  |  |  |
| Vanadium |  |  |

Identify the element represented by the orbital notation (arrows and boxes)

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