

Electron Configuration Bell Ringer – Student Edition

Select the best answer for each question.

- 1. The electron configuration for magnesium is:**
 - a. $1s^2 2s^2 2p^6 3s^1$
 - b. $1s^2 2s^2 2p^6 3s^2$
 - c. $1s^2 2s^2 2p^6 3s^2 2p^2$
 - d. $1s^2 2s^2 2p^6 3s^4$
- 2. The electron configuration $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10}$ is for which element?**
 - a. Zinc
 - b. Gallium
 - c. Calcium
 - d. Nickel
- 3. The electron configuration for neon is:**
 - a. $1s^2 2p^8$
 - b. $1s^2 2s^2 2p^4 3s^2$
 - c. $1s^2 2s^2 2p^6$
 - d. $1s^2 2s^2 2p^2 3s^2$
- 4. The total number of electron is $1s^2 2s^2 2p^3$ is:**
 - a. 7
 - b. 2
 - c. 12
 - d. 3
- 5. The atomic number of $1s^2 2s^2 2p^6 3s^1$ is:**
 - a. 4
 - b. 8
 - c. 19
 - d. 11