

Name: _____ Period: _____ Date: _____

Isotopes Bell Ringer – Teacher Edition

1. State the name and number of protons in the following elements:

- a. Li
- b. Mg
- c. Cl
- d. Ni
- e. Rn

2. State the name and number of neutrons in the following elements:

- a. He
- b. F
- c. Al
- d. Zn
- e. Kr

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1. State the name and number of protons in the following elements:

- a. Li - Lithium - 3
- b. Mg - Magnesium - 12
- c. Cl - Chlorine - 17
- d. Ni – Nickel -28
- e. Rn – Radon – 86

2. State the name and number of neutrons in the following elements:

- a. He – Helium ($4-2 = 2$)
- b. F – Fluorine ($19 - 9 = 10$)
- c. Al – Aluminium ($27-13 = 14$)
- d. Zn – Zinc ($65-30 = 35$)
- e. Kr – Krypton ($84-36 = 48$)