

Name: _____

Atomic Structure Practice Worksheet

Use your "Element Builder Gizmo," Periodic Table, and Metals vs. Non-Metals and Metal Reactivity Series worksheets to answer the following questions.

Atomic Particles

1. How many of the following atomic particles does a *neutral* magnesium atom have?

- a. Protons _____
- b. Neutrons _____
- c. Electrons _____



2. Explain what would happen to the element if 4 protons were added:
3. Explain what would happen to the original element if 4 neutrons were added:
4. Explain what would happen to the original element if 2 electrons were lost:
5. How many electron shells would be used by magnesium? Draw a sketch, with one, two, or three shells, and include the appropriate number of electrons per shell.

Key Concept Builder Electrons And Energy Levels Workbook Answers

Ensheng Dong



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