

Name _____

Elementary Explorations: The Wonders of the Periodic Table

Multiple Choice Questions

1. How many elements are currently on the periodic table?
 - a) 92
 - b) 118
 - c) 63
 - d) 24

2. What is an atomic number?
 - a) The number of neutrons in an element
 - b) The number of protons in an element
 - c) The number of electrons in an element
 - d) The number of isotopes in an element

3. How are synthetic elements created for the periodic table?
 - a) Through natural processes like volcanic eruptions
 - b) By smashing atoms together in particle accelerators
 - c) By mining deep within the Earth's core
 - d) By extracting them from meteorites

4. What do the empty spaces in the periodic table suggest?
 - a) There are no more elements left to discover.
 - b) The periodic table is incomplete.
 - c) Elements in those spaces are not real.
 - d) Those elements are too stable to exist.

5. When were the elements nihonium and oganesson officially named and added to the periodic table?
 - a) 2000
 - b) 1992
 - c) 2016
 - d) 1985

