

Name \_\_\_\_\_

## How Many Elements Are There?

### Multiple Choice Questions

1. How many known elements are there in the periodic table?
  - a) 100
  - b) 118
  - c) 92
  - d) 50
  
2. What is the periodic table based on to organize elements?
  - a) Atomic weight
  - b) Atomic number
  - c) Melting point
  - d) Density
  
3. Which of the following elements is an example of a natural element?
  - a) Technetium (Tc)
  - b) Oxygen (O)
  - c) Nihonium (Nh)
  - d) Americium (Am)
  
4. What are synthetic elements, also known as man-made elements?
  - a) Elements that are found in nature
  - b) Elements created in laboratories
  - c) Elements that are lighter than natural elements
  - d) Elements with low atomic numbers
  
5. Why is the search for new elements ongoing, even though some are highly unstable?
  - a) To create elements with practical applications
  - b) To expand our understanding of the periodic table
  - c) To replace natural elements with synthetic ones
  - d) To reduce the number of known elements

