

# Grade 8 - The Periodic Table

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

Atomic number

elements

groups

periods

Physical

chemical

protons

1. The periodic table is a chart that organizes \_\_\_\_\_ into rows and columns based on their \_\_\_\_\_ and \_\_\_\_\_ properties.

The periodic table displays elements organized by atomic number, with rows representing periods and columns representing groups. The elements are color-coded to show their chemical and physical properties.

2. \_\_\_\_\_ are horizontal (أفقي) rows numbered 1 to 7.

3. \_\_\_\_\_ are vertical (عمودي) columns numbered 1 to 18.

4. Henry Moseley organized the elements by increasing \_\_\_\_\_.

5. Atomic number is the number of \_\_\_\_\_.