

# 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 groups (vertical columns) and periods (horizontal rows). The table includes elements from Hydrogen (H) to Oganesson (Og), with the lanthanide and actinide series shown separately at the bottom.

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 \_\_\_\_\_.