

# The Periodic Table

Answers the following questions regarding the Periodic Table.

- 1 Where are the most active metals located? \_\_\_\_\_
- 2 Where are the most active nonmetals located? \_\_\_\_\_
- 3 Elements in group 1 are called \_\_\_\_\_
- 4 Elements in group 2 are called \_\_\_\_\_
- 5 Elements in groups 3 - 12 are called \_\_\_\_\_
- 6 Group 17 elements are called \_\_\_\_\_

Choose the right answer from the given choices.

- 1 Vertical columns of the periodic table are called \_\_\_\_\_
  - i) periods
  - ii) metals
  - iii) nonmetals
  - iv) groups
- 2 Horizontal rows of the periodic table are called \_\_\_\_\_
  - i) periods
  - ii) metals
  - iii) nonmetals
  - iv) groups
- 3 A substance that cannot be broken down into simpler substances by chemical reaction is called a/an \_\_\_\_\_
  - i) compound
  - ii) element
  - iii) mixture
  - iv) alloy
- 4 The number of protons in the nucleus of an atom of an element is the \_\_\_\_\_
  - i) atomic number
  - ii) atomic weight
  - iii) mass number
  - iv) isotope

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## Answers

- 1 Where are the most active metals located? Bottom left corner
- 2 Where are the most active nonmetals located? Group 17
- 3 Elements in group 1 are called Alkali metals
- 4 Elements in group 2 are called Alkaline earth metals
- 5 Elements in groups 3 - 12 are called Transition metals
- 6 Group 17 elements are called Halogen

- 1 Vertical columns of the periodic table are called iv) groups
  - i) periods
  - ii) metals
  - iii) nonmetals
  - iv) groups
- 2 Horizontal rows of the periodic table are called i) periods
  - i) periods
  - ii) metals
  - iii) nonmetals
  - iv) groups
- 3 A substance that cannot be broken down into simpler substances by chemical reaction is called a/an ii) element
  - i) compound
  - ii) element
  - iii) mixture
  - iv) alloy
- 4 The number of protons in the nucleus of an atom of an element is the i) atomic number
  - i) atomic number
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