

CONCEPT REVIEW

2

The periodic table

EST

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Complete this concept review handout and keep it as a record of what you have learned.

Definitions

- The periodic table of the elements is _____

- A valence electron is _____

- A group corresponds _____

- A period corresponds _____

- EST • The periodicity of properties is _____

- EST • The atomic number represents _____

Symbol: _____
- EST • The relative atomic mass is _____

Unit of measurement: _____ Symbol of the unit of measurement: _____
- EST • An isotope is _____

EST Representing atoms with the $\frac{A}{Z}\text{E}$ notation

Name: _____

Whole number indicating the sum of the numbers of protons and neutrons in an atom. It is found by rounding the relative atomic mass to the nearest whole number.

$\frac{A}{Z}\text{E}$

Name: _____

Name: _____

To find the number of neutrons in an atom, _____

Properties of the categories of elements

Category (location)	Properties
_____ _____ _____ _____ _____	_____ _____ _____ _____ _____
_____ _____ _____ _____ _____	_____ _____ _____ _____ _____
_____ _____ _____	_____ _____ _____ _____

Properties of certain groups of elements

Group (location)	Properties
Alkali metals (1st column)	_____ _____ _____
_____ _____ _____ _____	_____ _____ _____ _____ _____
_____ _____ _____ _____	_____ _____ _____ _____ _____
_____ _____ _____ _____ _____	_____ _____ _____ _____ _____