

DECIDE

Atoms & Periodic Table

1

Which of the following has a negative electric charge?

- a. proton
- b. electron
- c. neutron
- d. nucleus

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2

DETERMINE

Determine the mass number and atomic number of a chlorine atom that has 17 protons and 18 neutrons.

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3

COMPLETE

Elements are organized in the periodic table by increasing atomic _____.

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4

EXPLAIN

If the atomic number of an element is 5 and the mass number is 10, explain how you determine the number of neutrons.

DECIDE

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5

What particles are found in the nucleus of an atom?

- a. electrons and protons
- b. electrons and neutrons
- c. protons and neutrons
- d. protons, neutrons and electrons

DETERMINE

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6

Determine what elements are represented by the following symbols:

Au Hg Fe

COMPLETE

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7

The first periodic table based on atomic mass was devised by -----.

IDENTIFY

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8

Identify the three particles that make up an atom along with their charges.