

NGS Magnified Task Cards
are an engaging, versatile
educational tool that
reinforces learning,
differentiates instruction,
and promotes independent
and collaborative work.

DECIDE



Which of the following has a negative electric charge?

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

DETERMINE



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

DECIDE



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



Determine what elements are represented by the following symbols:

DECIDE



Each energy level of an atom has a maximum number of _____ it can hold.

- a. electrons
- b. protons
- c. neutrons
- d. quarks

LIST



List the chemical symbols for the elements:

DECIDE



The number of _____ identifies the element.

- a. protons
- b. electrons
- c. neutrons
- d. quarks

CALCULATE



If a carbon atom has 7 neutrons and 6 protons, what is the mass number?

COMPLETE

Horizontal rows of the periodic table are called _____.

COMPLETE



Atoms of the same element with different numbers of neutrons are called _____.

CLASSIFY



Classify the following elements as a metal, nonmetal or a metalloid:

Carbon, Boron, and Sodium