

Open Note, closed classmate.

**Question 1 (1 point)**

Which of the following is a non-metal?

- A. Manganese
- B. Calcium
- C. Potassium
- D. Selenium

**Question 2 (1 point)**

A measure of the quantity of matter is

- A. density.
- B. weight.
- C. volume.
- D. mass.

**Question 3 (1 point)**

The two most important properties of all matter are

- A. the ability to carry an electric current well and to hold electric charge.
- B. taking up space and having mass.
- C. being brittle and hard.
- D. being malleable and ductile.

**Question 4 (1 point)**

An atom is

- A. the smallest unit of matter that maintains its chemical identity.
- B. the smallest unit of a compound.
- C. always made of carbon.
- D. smaller than an electron.

**Question 5 (1 point)**

Which of the following elements is NOT a metalloid?

- A. Arsenic
- B. Silicon
- C. Aluminum
- D. Germanium

**Question 6 (1 point)**

Which of the following is NOT matter?

- A. Chalk
- B. Bacteria
- C. Air
- D. Light

**Question 7 (1 point)**

A compound is

- A. a pure substance that cannot be broken down into simpler, stable substances.
- B. a substance, made of two or more atoms that are chemically bonded, that CAN be broken down into simpler, stable substances.
- C. the smallest unit of matter that maintains its chemical identity.
- D. any substance, whether it is chemically bonded or not.

**Question 8 (1 point)**

A sample of nickel atoms is measured under several different conditions. Which of the following measurements will have the same value for the sample under all conditions of temperature, pressure, location, etc-- even if the measurements are made on different planets?

- A. weight
- B. volume
- C. density
- D. mass