

Physical Science – Chapter 2 Practice Test Answer Key

- _____ **a** 1) Which of the following is a physical property of an element?
a) color b) ability to rust c) flammability d) ability to tarnish
- _____ **c** 2) Which of the following is NOT a characteristic of a compound?
a) has different properties from the elements that formed it
b) pure substance made of two or more elements
c) different samples have different properties
d) can be represented by a chemical formula
- _____ **a** 3) A measurement of the amount of matter in an object is its _____.
a) mass b) density c) volume length
- _____ **c** 4) Every chemical or physical change in matter includes a change in _____.
a) volume b) temperature c) energy d) mass
- _____ **d** 5) A(n) _____ is an example of a homogeneous mixture that is very evenly mixed.
a) compound b) element c) pure substance d) solution
- _____ **c** 6) A chemical bond is _____.
a) a group of atoms that are joined together b) The basic particle of matter
c) The force that holds two atoms together
d) A substance formed from the chemical combination of two or more atoms
- _____ **d** 7) Which of the following is an example of a chemical change?
a) melting butter b) mixing milk and chocolate syrup
c) breaking glass d) burning fuel
- _____ **a** 8) Which of the following is NOT true of atoms?
a) They are composed of molecules. b) They are combined with other atoms.
c) They make up elements. d) They are extremely small.
- _____ **d** 9) A(n) _____ of a pure substance can be observed without changing the substance.
a) chemical property b) atom c) element d) physical property
- _____ **a** 10) _____ is stored in the bonds that hold atoms together.
a) Chemical energy b) Physical energy
c) Thermal energy d) Electromagnetic energy
- _____ **b** 11) A(n) _____ is a group of atoms that are joined together by chemical bonds.
a) roundtuit b) molecule c) element d) substance
- _____ **c** 12) A pure substance made of two or more elements that are chemically combined is a(n) _____.
a) substance b) element c) compound d) atom
- _____ **d** 13) A measure of the average energy of random motion of particles of matter is _____.
a) energy b) running c) eventful d) temperature

Physical Science Chapter 1test Answer Key Id A

Marco Cascella



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