

MATTER AND ENERGY
SCIENCE EXAM
SEVENTH GRADE

Multiply Selection

Choose the correct answer and circle the letter.

1. Is anything that has a place in space:
 - a. Matter
 - b. Weight
 - c. Mass
2. Refers to the measure of gravitational attraction:
 - a. Mass
 - b. Weight
 - c. Volume
3. Is the amount of matter that a body has:
 - a. Volume
 - b. Weight
 - c. Mass
4. is the space that matter occupies and can't be occupied by another body.
 - a. Volume
 - b. Space
 - c. Matter
5. Is the ability to absorb other substances.
 - a. Solubility
 - b. Porosity
 - c. Density
6. Is the property that a material presents to resist the change of rest or movement.
 - a. Friction
 - b. Gravity
 - c. Inertia
7. Are physical properties of matter.
 - a. Density, melting point, boiling point
 - b. Texture, odor, flavor
 - c. Friction, gravity, mass
8. Is the relationship between mass and volume.
 - a. Solubility
 - b. Density
 - c. Gravity
9. Melting point means
 - a. Changes from liquid to gaseous
 - b. Changes of state
 - c. Changes from solid to liquid
10. Boiling point means
 - a. Changes from liquid to gaseous

- b. Changes from solid to liquid
 - c. Changes from gaseous to liquid
11. Is the ability to react to other compounds.
- a. density
 - b. reactivity
 - c. solubility
12. Are states of matter
- a. Solid, liquid
 - b. Gas, plasma
 - c. A and b are correct
13. Are examples of progressive changes
- a. Fusion, vaporization, crystallization
 - b. condensation
 - c. Sublimation
14. Are examples of regressive changes.
- a. sublimation
 - b. Condensation, solidification, sublimation
 - c. Fusion, vaporization
15. Are parts of an atom
- a. Solid, liquid, gas
 - b. Fusion, condensation
 - c. Proton, neutron, electron
16. Is an example of a metal.
- a. Iron, gold
 - b. Argon, helium
 - c. Carbon, oxygen
17. Are examples of non-metals
- a. Iron, gold
 - b. Carbon, oxygen
 - c. Argon, krypton
18. Is a noble gas
- a. Carbon
 - b. Oxygen
 - c. Helium