

Name: _____

Q.10. Weight is the downward pull of an object due to _____.

- a) mass
- b) gravity
- c) volume
- d) friction

Q.11. Which of the following is not a form of kinetic energy?

- a) Thermal energy
- b) Electrical energy
- c) Sound energy
- d) Elastic potential energy

Q.12. _____ is a form of energy that causes particles to vibrate or move back and forth.

- a) Potential
- b) Chemical
- c) Electrical
- d) Sound




Q.13. Identify which examples are physical changes and which is a chemical change.

<p>Ice melting to a</p> 	<p>Iron rusting</p> 
<div></div>	<div></div>
<p>A burning match</p> 	<p>Boiling water</p> 
<div></div>	<div></div>

Q.14. Which are the two types of pure substances?

- a) Elements and solutions
- b) Solutions and compounds
- c) Elements and compounds
- d) Compounds and mixtures

Q.15. Which of the diagrams below represent a mixture?

- a)
- b)
- c)
- d)

Q.16. _____ is a substance that consists of two or more different types of atoms bonded together.

- a) Compound
- b) Element
- c) Solution
- d) Mixture

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