Name: _____ Score: _____

8 True/False questions

Definition
By adding energy to make it turn from a solid to a liquid to a gas!

Term
How do we create a phase change in matter?

1 of 25

- ○ True
- ○ False

Definition
Changing your velocity over time.

Term
Acceleration

2 of 25

- ○ True
- ○ False

Definition
Friction created by gasses; pushes against objects as they try to move through a gas.

Term
Friction

3 of 25

- ○ True
- ○ False

Definition
How much 3-dimensional space an object occupies.

Term
Volume

4 of 25

- ○ True
- ○ False

Definition
Energy bouncing off of a surface.

Term
Convection

5 of 25

- ○ True
- ○ False

Definition
Can travel through matter. Used by doctors to see bones.

Term
X-Ray radiation

6 of 25

- ○ True
- ○ False

Definition
How many wavelengths pass a point per second

Term
Inference

7 of 25

- ○ True
- ○ False

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Definition

Energy moving through an object.

Term

Convection

8 of 25

- ○ True
- ○ False

9 Multiple choice questions

Definition

The energy of motion.

9 of 25

- ○ Potential Energy
- ○ Power
- ○ Kinetic Energy
- ○ Thermal Energy

Definition

Is matter a solid, liquid, or gas?

10 of 25

- ○ Internal Energy
- ○ Relative Density
- ○ Thermal Energy
- ○ Physical State

Definition

Energy passing through an object without being absorbed.

11 of 25

- ○ Transmission
- ○ Refraction
- ○ Conduction
- ○ Absorption

Definition

A push or pull on an object.

12 of 25

- ○ Inertia
- ○ Force
- ○ Velocity
- ○ Friction

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Definition 13 of 25

A statement predicting how the independent variable will affect the dependent variable.

- Hypothesis
- Inference
- Dependent Variable
- Observation

Definition 14 of 25

Combined substances that can be separated back into their original compounds.

- Volume
- Liquid
- Mixture
- Matter

Definition 15 of 25

What is created in a chemical reaction

- Product
- Reactant
- Solutions
- Weight

Definition 16 of 25

The amount of force carried by an object.

- Velocity
- Force
- Friction
- Inertia

Definition 17 of 25

Energy stored in an object's position.

- Kinetic Energy
- Radiant Energy
- Gravitational Potential Energy
- Convection

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8 Matching questions

A reaction where energy is absorbed by the reactants, making the surroundings colder.

The variable that responds to the change we did at the beginning of the experiment.

Given off by nuclear materials. Can cause cancer and other illnesses.

The variable we change or manipulate before an experiment begins.

Energy stored in a stretched object.

All energy that can travel in waves sorted from low frequency to high frequency.

An energy resource that will will never run out of and do not need to create more of.

An energy resource that we can create more of.

A. Electromagnetic Spectrum

B. Elastic Potential Energy

C. Inexhaustible Resource

D. Endothermic Reaction

E. Renewable Resource

F. Dependent Variable

G. Gamma Radiation

H. Independent Variable

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