

8 True/False questions

Definition

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

☐ True

☐ False

Term

How do we create a phase change in matter?

1 of 25

Definition

Changing your velocity over time.

☐ True

☐ False

Term

Acceleration

2 of 25

Definition

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

☐ True

☐ False

Term

Friction

3 of 25

Definition

How much 3-dimensional space an object occupies.

☐ True

☐ False

Term

Volume

4 of 25

Definition

Energy bouncing off of a surface.

☐ True

☐ False

Term

Convection

5 of 25

Definition

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

☐ True

☐ False

Term

X-Ray radiation

6 of 25

Definition

How many wavelengths pass a point per second

☐ True

☐ False

Term

Inference

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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.

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☐ Potential Energy

☐ Power

☐ Kinetic Energy

☐ Thermal Energy

Definition

Is matter a solid, liquid, or gas?

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☐ Internal Energy

☐ Relative Density

☐ Thermal Energy

☐ Physical State

Definition

Energy passing through an object without being absorbed.

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☐ Transmission

☐ Refraction

☐ Conduction

☐ Absorption

Definition

A push or pull on an object.

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☐ Inertia

☐ Force

☐ Velocity

☐ Friction

Definition

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

- ☐ Hypothesis
- ☐ Inference
- ☐ Dependent Variable
- ☐ Observation

Definition

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

- ☐ Volume
- ☐ Liquid
- ☐ Mixture
- ☐ Matter

Definition

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What is created in a chemical reaction

- ☐ Product
- ☐ Reactant
- ☐ Solutions
- ☐ Weight

Definition

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The amount of force carried by an object.

- ☐ Velocity
- ☐ Force
- ☐ Friction
- ☐ Inertia

Definition

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Energy stored in an object's position.

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

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 never run out of and do not need to create more of.

An energy resource that we can create more of.

A. Electromagnetic Spectrum 19/25 of 25

B. Elastic Potential Energy

C. Inexhaustible Resource

D. Endothermic Reaction

E. Renewable Resource

F. Dependent Variable

G. Gamma Radiation

H. Independent Variable