

PHYSICAL SCIENCE

Graphic Organizers

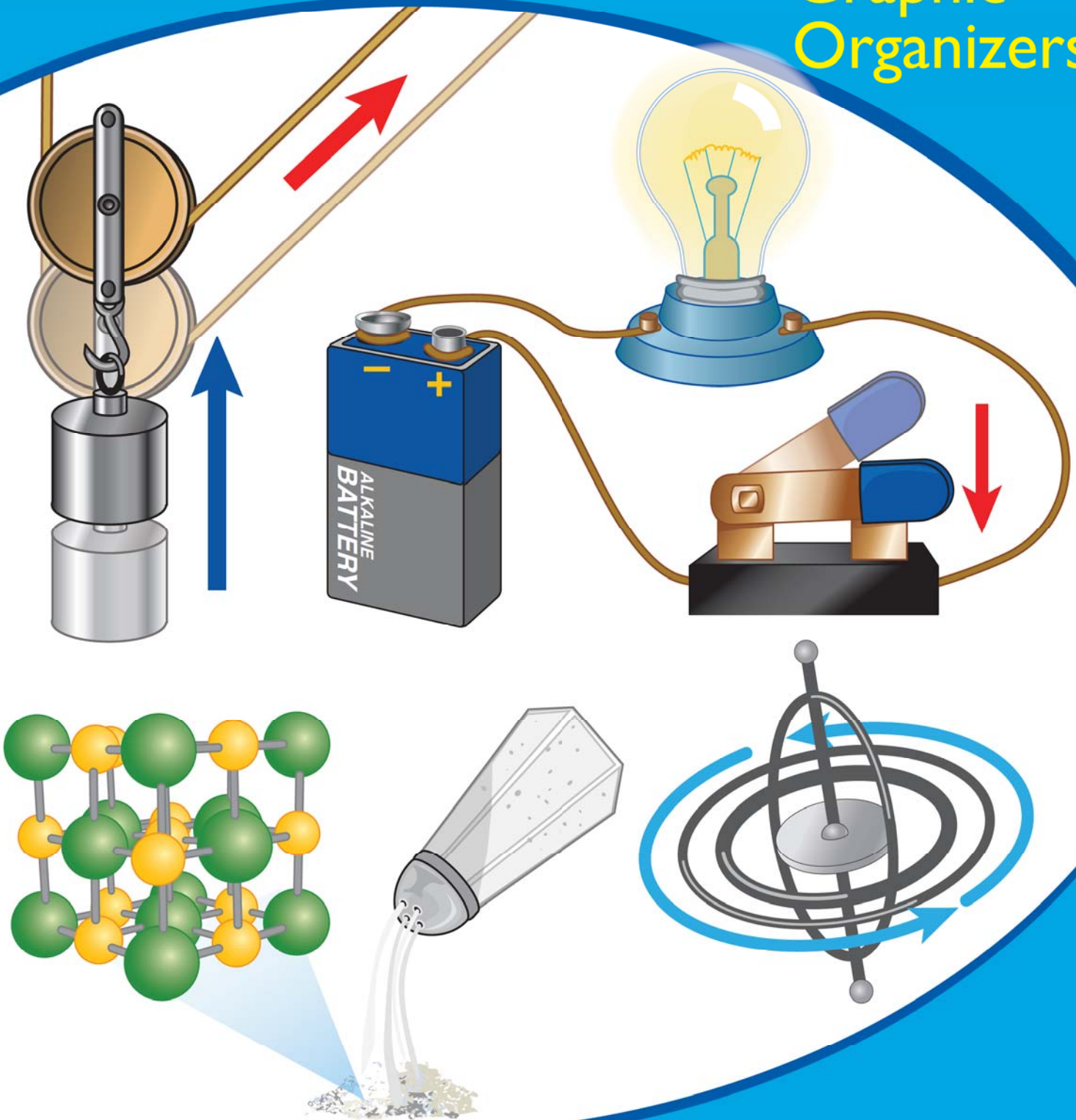


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Phone: 800-507-0966

Fax: 800-507-0967

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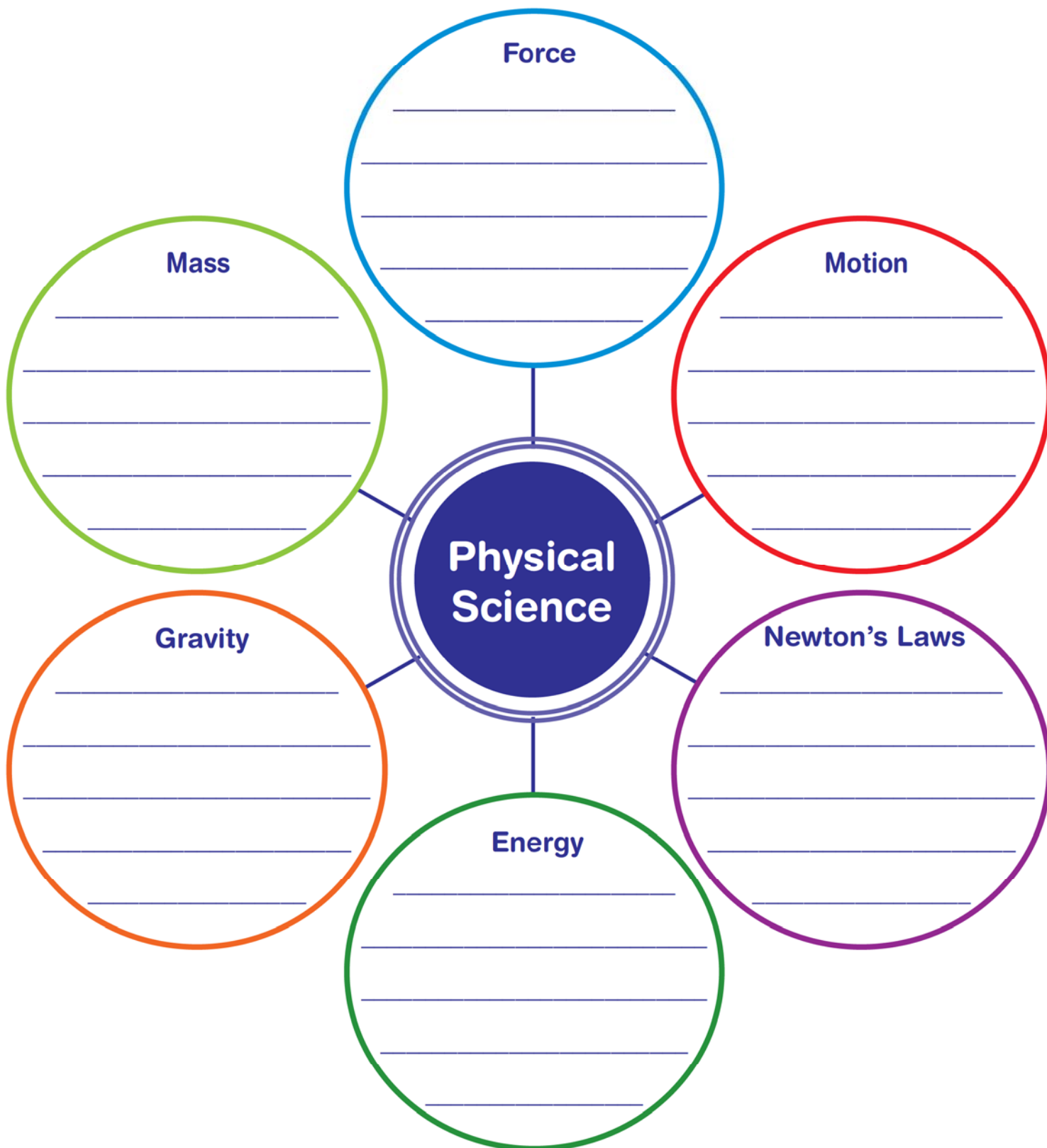
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1. Introduction to Physical Science

Describe the following key terms related to **Physical Science**.

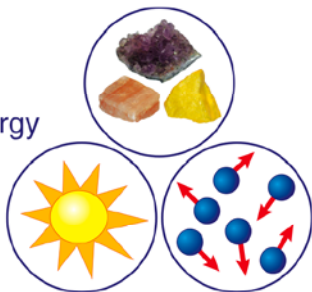


1. Introduction to Physical Science Quiz

1

Physical science is the study of _____.

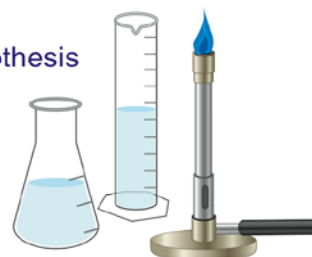
- A living things
- B matter and energy
- C stars and galaxies
- D minerals and rocks



5

When using the **scientific method**, which step comes **first**?

- A forming a hypothesis
- B doing an experiment
- C gathering data
- D stating the problem



2

The **ability** to **move** a rock, or any other piece of matter, is called _____.

- A strong
- B difficult
- C energy
- D easy



6

How many types of **data** are normally placed on one graph?

- A 1
- B 2
- C 3
- D 4



3

Which of the following is an example of **energy**?

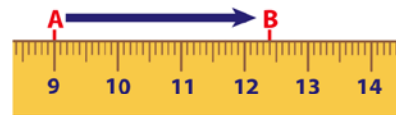
- A a frog
- B a race car
- C a hammer
- D a flash of lightning



7

On the centimeter ruler below, what is the length to **point B** in **millimeters**?

- A 3 mm
- B 4 mm
- C 30 mm
- D 34 mm



4

Which of the following is an example of **matter**?

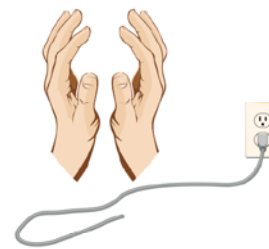
- A a rock
- B light
- C sound
- D electricity



8

While working in a lab with **electricity**, it is **most important** for a student to _____.

- A wear a lab apron
- B use dry hands
- C wear sneakers
- D clean the tabletop with water



2. Matter Quiz

1

Which of the events below is a **chemical change**?

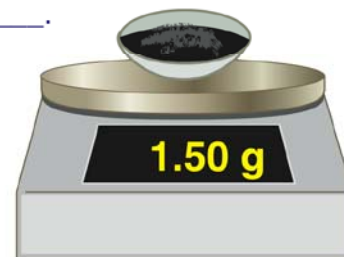
- A the reaction of an acid and a base
- B the melting of ice
- C the freezing of water
- D the breaking of a balloon



5

To convert **grams** to **milligrams** a student would **multiply** the number of grams by _____.

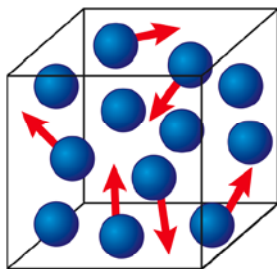
- A 1
- B 5
- C 10
- D 1,000



2

Matter is anything that **has mass** and _____.

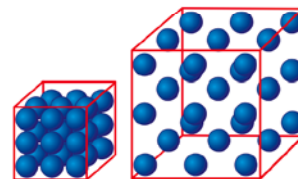
- A gives off heat
- B occupies space
- C freezes easily
- D gives off light



6

If a student increases the **volume** of an object without changing the **mass**, the **density** of the object _____.

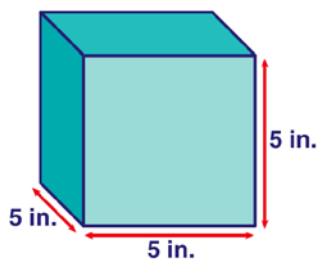
- A increases
- B decreases
- C stays the same
- D increases then decreases



3

What is the **volume** in **cubic inches** of the cube shown below?

- A 25 in³
- B 15 in³
- C 50 in³
- D 125 in³



7

An example of a **physical change** would be _____.

- A the burning of natural gas
- B the making of acid rain
- C the melting of ice
- D the rusting of iron



4

A boat **floats** on water because its **density** is _____ the density of water.

- A greater than
- B equal to
- C the same as
- D less than



8

Using the **metric system**, which of the terms below would be used to describe the **length** of large object, such as a school bus?

- A liter
- B kilogram
- C meter
- D degree



