

Introduction to Physical Science

Physical Science · Answer Key · 8 Questions

1. Which state of matter has a definite shape and a definite volume?

- A) Liquid
- B) Gas
- C) Plasma
- D) Solid**

2. What force pulls objects towards the center of the Earth?

- A) Friction
- B) Magnetism
- C) Gravity**
- D) Tension

3. What is the most abundant element in the Earth's atmosphere?

- A) Oxygen
- B) Carbon Dioxide
- C) Nitrogen**
- D) Argon

4. Which type of energy is stored in a stretched spring or a raised object?

- A) Kinetic energy
- B) Thermal energy
- C) Potential energy**
- D) Chemical energy

5. What phenomenon causes a straw in a glass of water to appear bent?

- A) Reflection
- B) Refraction**
- C) Diffraction
- D) Absorption

6. Which of the following is an excellent conductor of electricity?

- A) Wood
- B) Glass
- C) Copper**
- D) Plastic

7. What subatomic particle carries a positive electrical charge?

- A) Electron
- B) Neutron
- C) Proton**
- D) Photon

8. Which of these is an example of a physical change?

- A) Burning wood
- B) Rusting iron
- C) Melting ice**
- D) Baking a cake