

Introduction to Physics Concepts

Physics · Answer Key · 8 Questions

1. Which force pulls objects toward the center of the Earth?

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

2. What happens when white light passes through a glass prism?

- A) It disappears
- B) It turns black
- C) It splits into a rainbow**
- D) It speeds up

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

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

4. What is the primary source of energy for the Earth's weather patterns?

- A) The Moon
- B) The Wind
- C) The Sun**
- D) The Ocean

5. Which simple machine uses a fulcrum to lift heavy loads?

- A) Pulley
- B) Lever**
- C) Screw
- D) Wedge

6. What is produced when an object vibrates rapidly?

- A) Light
- B) Shadow
- C) Sound**
- D) Electricity

7. What is the term for the material through which electricity can easily flow?

A) Insulator

B) Conductor

C) Resistor

D) Vacuum

8. Which type of energy is stored in a stretched rubber band?

A) Kinetic energy

B) Chemical energy

C) Potential energy

D) Thermal energy