

Introduction to Physics Concepts

Physics · Practice Test · 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