

Name _____

The Forces Around Us

Multiple Choice Questions

1. What is a force in physics?
 - a) A type of energy
 - b) A push or pull that can change the motion of an object
 - c) A form of light
 - d) A measurement of speed

2. Which of the following is NOT one of the four fundamental forces in nature?
 - a) Gravitational Force
 - b) Electromagnetic Force
 - c) Strong Nuclear Force
 - d) Kinetic Force

3. Which force is responsible for holding the protons and neutrons in the nucleus of an atom together?
 - a) Electromagnetic Force
 - b) Gravitational Force
 - c) Strong Nuclear Force
 - d) Weak Nuclear Force

4. What type of force opposes the motion of objects sliding or rolling against each other?
 - a) Tension
 - b) Gravity
 - c) Friction
 - d) Normal Force

5. Which force can act over a distance, such as when magnets attract or repel each other?
 - a) Friction
 - b) Tension
 - c) Gravity
 - d) Electromagnetic Force

