

Name _____

Friction: The Invisible Force That Shapes Our World

Multiple Choice Questions

1. What is friction?
 - a) A force that speeds up the motion of objects.
 - b) A force that opposes the motion of objects.
 - c) A force that creates motion in objects.
 - d) A force that changes the color of objects.

2. Which type of friction prevents objects from starting to move?
 - a) Kinetic friction
 - b) Fluid friction
 - c) Static friction
 - d) Magnetic friction

3. What factor affects the strength of friction between objects?
 - a) Surface texture
 - b) Time of day
 - c) Sound volume
 - d) Object's shape

4. How does friction affect the motion of a soccer ball when it's kicked with a spin?
 - a) It increases the speed of the ball.
 - b) It doesn't affect the ball's motion.
 - c) It causes the ball to curve in flight.
 - d) It makes the ball bounce higher.

5. In which type of friction does an object move through a liquid or gas?
 - a) Kinetic friction
 - b) Static friction
 - c) Fluid friction
 - d) Solid friction

