

Name _____

Friction: The Double-Edged Sword of Everyday Life

Multiple Choice Questions

1. What is one advantage of friction mentioned in the passage?
 - a) Friction causes wear and tear on machinery.
 - b) Friction reduces the efficiency of vehicles.
 - c) Friction allows you to walk without slipping.
 - d) Friction limits the maximum speed of objects.

2. How does friction contribute to stopping motion in vehicles?
 - a) Friction generates heat energy.
 - b) Friction converts kinetic energy into heat energy.
 - c) Friction reduces the energy of motion.
 - d) Friction increases speed.

3. What is one disadvantage of friction mentioned in the passage?
 - a) Friction helps athletes excel in sports.
 - b) Friction leads to energy loss and reduced efficiency.
 - c) Friction prevents wear and tear on moving parts.
 - d) Friction is necessary for gripping objects.

4. Why do engineers work on minimizing the negative effects of friction?
 - a) To increase energy loss.
 - b) To reduce wear and tear on machinery.
 - c) To generate more heat energy.
 - d) To limit the maximum speed of objects.

5. What is the main idea of the passage?
 - a) Friction has no advantages in everyday life.
 - b) Friction always leads to overheating.
 - c) Friction has both advantages and disadvantages in daily life.
 - d) Friction is a force that is not present in everyday life.

