

SECTION | FRICTION IS A FORCE THAT OPPOSES MOTION.
3.2 | **Section Quiz**

Key Concepts

Choose the letter of the best answer.

- _____ 1. Friction resists motion between
- a. any two objects
 - b. surfaces in contact
 - c. fluids only
 - d. objects in free fall
- _____ 2. Which of the following would increase the friction between a table and the floor?
- a. pushing the table faster
 - b. pushing the table slower
 - c. taking heavy objects off the table
 - d. putting heavy objects on the table
- _____ 3. As you push an object, the frictional force resisting your push
- a. remains constant once the object is moving
 - b. continues to increase even after the object is moving
 - c. steadily decreases after the object begins to move
 - d. no longer resists once the object begins to move
- _____ 4. Air resistance increases with
- a. increased speed and decreased surface area
 - b. decreased speed and increased surface area
 - c. increased speed and increased surface area
 - d. decreased speed and decreased surface area

Extended Response

Answer the following question on the back of this paper or on a separate sheet of paper.

How is the force of friction between surfaces similar to the force of air resistance? How are these forces different? Describe in what way each force acts and what affects the strength of each force.