

SECTION
3**Reinforcement****Motion and Forces**

Directions: Answer the following questions on the lines provided.

1. Define force.

2. List three forces being exerted as you complete this Reinforcement exercise.

3. You push on the side of a toy truck rolling along the floor. What will happen to the motion of the truck?

4. What term refers to the sum of all of the forces acting on an object?

5. If the net force on an object is zero, what do you know about all of the forces acting on the object?

6. When several people are pushing on a large rock and it starts to roll, what do you know about the forces acting on the rock?

7. What is inertia?

8. What causes a change in velocity?

9. What determines the amount of inertia an object has?

10. State Newton's first law of motion.
