Laws of Motion Article Questions

1. What is motion?
2. How do scientists analyze motion?
3. How do objects or bodies move?
4. The rate at which objects travel depends on what three factors?
5. Who was the scientist who is known for studying force and motion?
6. What is the first law of motion?
7. How does inertia affect force?
8. Explain Newton’s second law of motion.
9. What happens when you increase force and mass on an object?
10. What is the third law of motion?
11. What is the difference between speed and velocity?
12. How is instantaneous speed and velocity different from average speed and velocity?
13. What are the two things you need in order to determine an object’s speed? What is the formula?
14. Your older sister drove 500 miles to college one way in ten hours. What was her average speed?