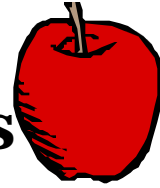


## **A QUIZ ABOUT NEWTON'S LAWS**



1. What law relates force to acceleration?
2. Which is the law of inertia?
3. Which is the law of acceleration?
4. Which law is in control of a spacecraft which cruises through space at a constant speed without using any fuel?
5. Which law governs when a tablecloth is pulled out from under a setting of china without damaging it?
6. Which law governs why a car is set in motion and not the asphalt highway on which it travels?
7. Which law allows a spaceship to accelerate by burning rocket fuel?
8. Which law relates acceleration to mass?
9. Which law governs when two skaters push apart in a rink?
10. Which law governs why a golf ball will go farther than a baseball if each are hit with the same amount of force?

## **ANSWERS**

1. 2
2. 1
3. 3
4. 1
5. 1
6. 3
7. 3
8. 2
9. 3
10. 3