

**THE MECHANICAL UNIVERSE**

**Video 4. Inertia**

**Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

1. What field did Galileo initially study in school?
2. When was Galileo's initial 3 year contract up?
3. What was the magnification of Galileo's first telescope?
4. What are the moons of Jupiter called?
5. Explain how Galileo used inclined planes to discover the Law of Inertia.
6. Define inertia
7. Give an example of an object in the universe having absolute rest.
8. What shaped path do all projectiles follow?
9. When was Galileo summoned to Rome?
10. When was Galileo put on trial?
11. In what year was the dispute between Galileo and the Roman Catholic Church resolved?