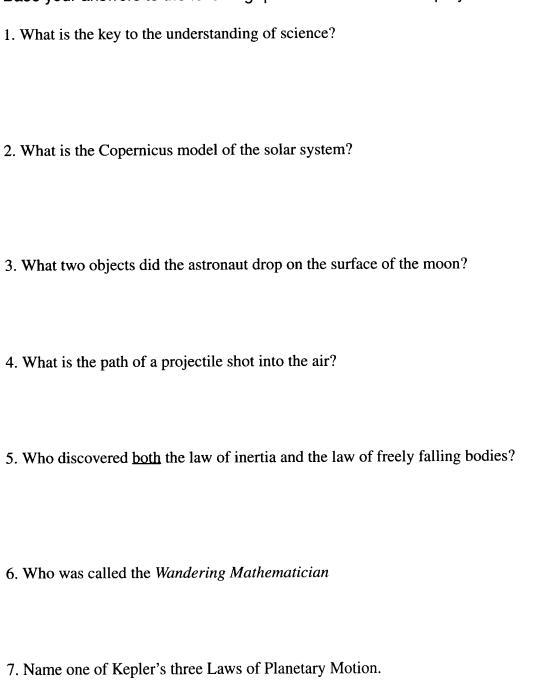
Introduction to the Mechanical Universe

Base your answers to the following questions on the videotape you viewed in lab:



8. What is the key idea that explains how a gyroscope top behaves?
9. What are the names of the two men who invented Calculus?
10. Who was the first to measure the value of the constant in Newton's Law of Gravitation?
11. What physical principle allows us to understand and predict the behavior of the balls in a game of pool?
12. Who invented what we now call analytic geometry?
13. Who was famous for his study of the Conservation of Energy?
14: What physical behavior was used to break the glass in Ella Fitzgerald's famous Memorex commercial?