

Name _____

Unveiling the Secrets of the Universe: How Physics Harnesses Differential Equations

Short Answer

1. In which realm of physics do physicists rely heavily on differential equations to describe the behavior of subatomic particles?
2. What do Maxwell's equations describe?
3. What do the Navier-Stokes equations describe?
4. What is the primary purpose of differential equations in physics?
5. How do physicists use differential equations to predict the motion of objects?

