

Name _____

Engineering Marvels: Exploring the Impact of Calculus

Short Answer Key

1. By analyzing the forces acting on structures to ensure stability and safety.
2. Calculus is used to analyze the motion of objects in flight, calculate trajectories, and optimize fuel consumption.
3. To model the dynamics of electrical systems and understand the behavior of electric currents and electromagnetic fields.
4. Computer science and software engineering.
5. Biomedical engineering.

