

Name - _____

Start time - __ : __

End time - __ : __

Calculate the acceleration of a car that increases its velocity from 20 m/s to 30 m/s in 5 seconds.

Explain the concept of uniform acceleration and how it affects the motion of an object.

Discuss the concept of instantaneous acceleration. How does it differ from average acceleration?

Calculate the final velocity of an object with an initial velocity of 10 m/s, undergoing uniform acceleration of 2 m/s^2 for 5 seconds.