

Name - _____

Start time - __ : __

End time - __ : __

Discuss the significance of understanding speed, velocity, and acceleration in fields such as sports, transportation, and safety.

Calculate the acceleration of an object that changes its velocity from 20 m/s to 40 m/s in 5 seconds.

Calculate the acceleration of a car that increases its velocity from 20 m/s to 40 m/s in 5 seconds.

A rocket accelerates from 0 m/s to 500 m/s in 20 seconds. What is its acceleration?