

Name - _____

Start time - __ : __

End time - __ : __

Differentiate between positive and negative acceleration and provide examples of each.

Interpret and analyze motion graphs to determine speed, velocity, and acceleration.

Solve the following problems:

- a) A car increases its velocity from 20 m/s to 40 m/s in 5 seconds. Calculate its acceleration.

- b) A rocket decreases its velocity from 300 m/s to 200 m/s in 10 seconds. Calculate its acceleration.