

Name - _____

Start time - __ : __

End time - __ : __

Solve the following word problems.

- a) A car travels at a constant speed of 60 miles per hour for 3 hours. How far does it travel? Distance = _____

- b) A rocket accelerates from 0 m/s to 500 m/s in 20 seconds. What is its acceleration? Acceleration = _____

Describe how acceleration is related to changes in velocity.

Explain how understanding velocity can be beneficial in navigation or transportation.

Explain the difference between positive and negative acceleration.

a b c d e f g h i j k l m n o p q r s t u v w x y z