

Name - \_\_\_\_\_

Start time - \_\_ : \_\_

End time - \_\_ : \_\_

List the three kinematic equations that relate initial velocity, final velocity, acceleration, displacement, and time.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

Discuss the limitations and assumptions of the kinematic equations.

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\_\_\_\_\_  
\_\_\_\_\_

Discuss the significance of the area under an acceleration-time graph.

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\_\_\_\_\_  
\_\_\_\_\_

Give examples of situations where an object has constant speed but changing velocity.

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\_\_\_\_\_  
\_\_\_\_\_

Describe how slope and area under the curve relate to speed, velocity, and acceleration.

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\_\_\_\_\_  
\_\_\_\_\_

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