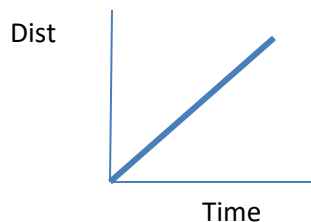


Directions: Using each of the diagrams below, fill in the appropriate term for each blank.

Formula's:

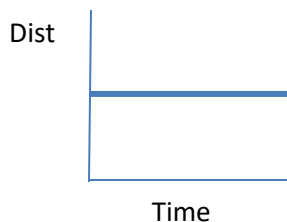
1. In each of the graphs below describe velocity, acceleration and the area under the curve. 18 pt.



Vel = \_\_\_\_\_

Acc = \_\_\_\_\_

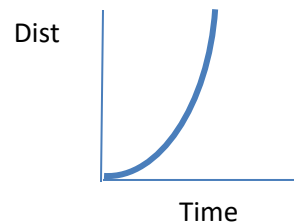
Area = \_\_\_\_\_



Vel = \_\_\_\_\_

Acc = \_\_\_\_\_

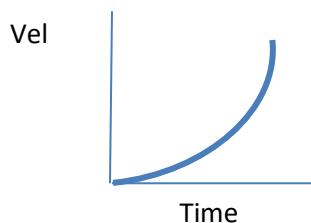
Area = \_\_\_\_\_



Vel = \_\_\_\_\_

Acc = \_\_\_\_\_

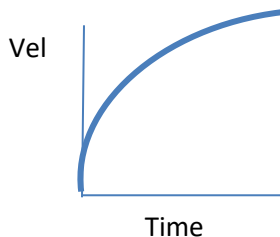
Area = \_\_\_\_\_



Vel = \_\_\_\_\_

Acc = \_\_\_\_\_

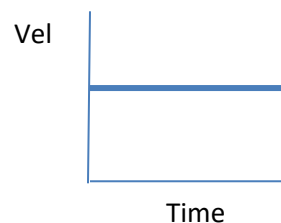
Area = \_\_\_\_\_



Vel = \_\_\_\_\_

Acc = \_\_\_\_\_

Area = \_\_\_\_\_

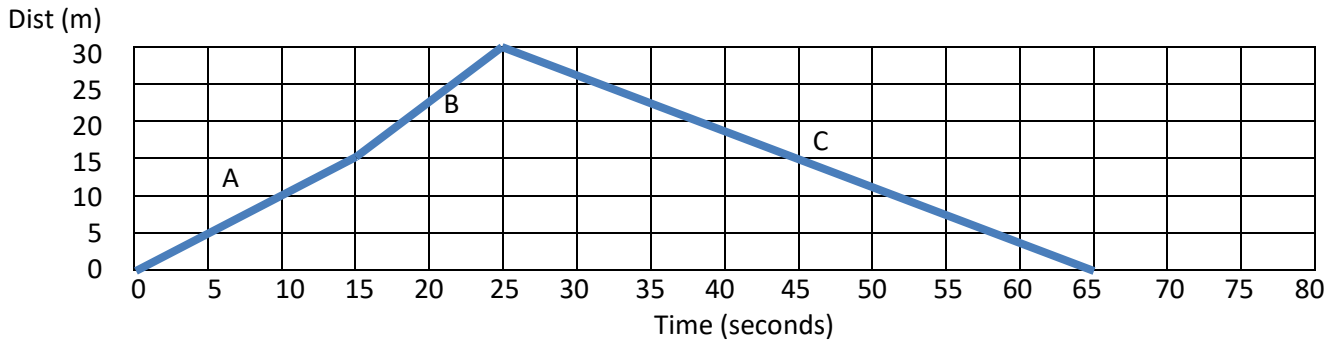


Vel = \_\_\_\_\_

Acc = \_\_\_\_\_

Area = \_\_\_\_\_

2. Using the position-time graph shown below, determine the velocity over each segment. Show all your work in determining the velocity. Circle final answers! 2 pts each.

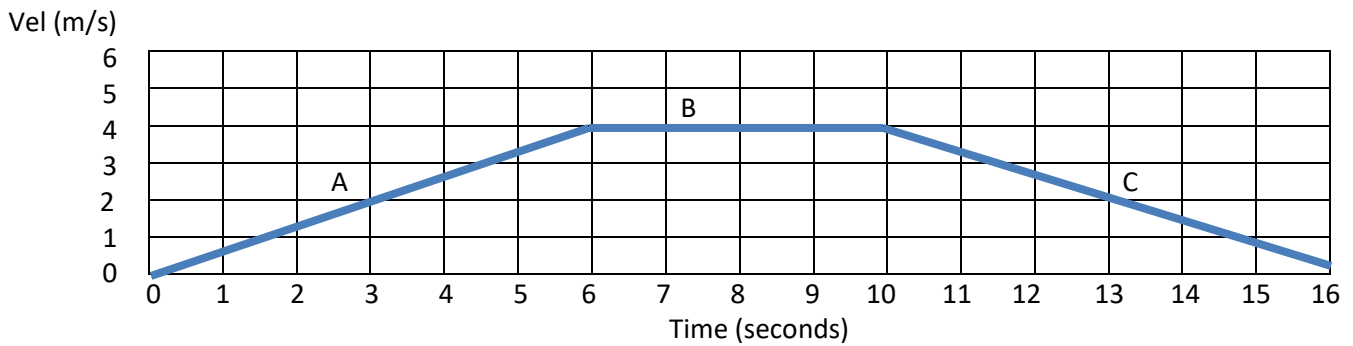


Segment A:

Segment B:

Segment C:

3. Using the **Velocity**-time graph shown below, determine the **acceleration** over each segment. Show all your work in determining the **acceleration**. Circle final answers! 2 pts each.



Segment A:

Segment B:

Segment C:

Bonus:

In the following diagram determine the instantaneous velocity for the point indicated on the graph. Show all your work!! 3 points.

