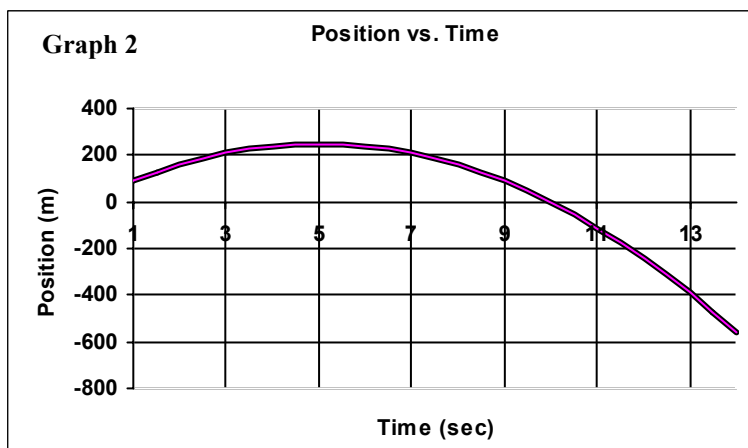
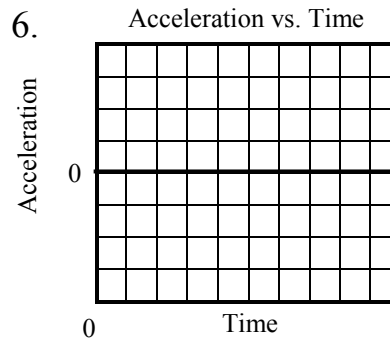
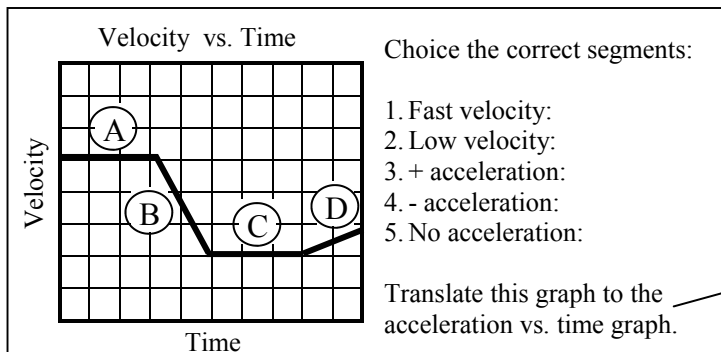


## Translating Graphs

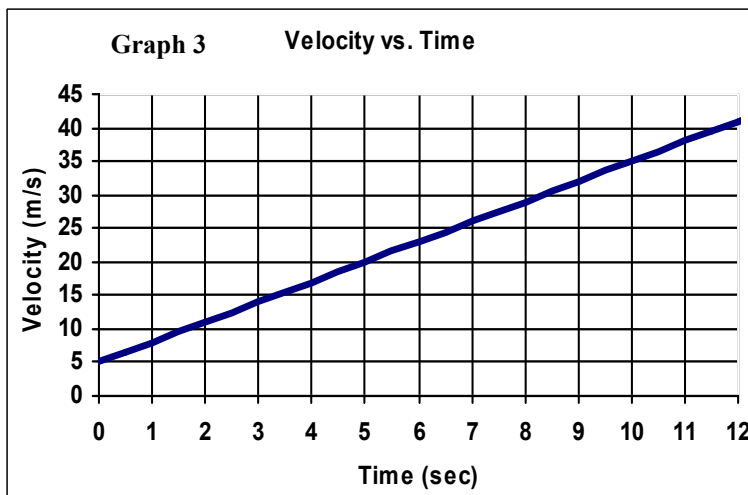


7. What does Graph 2 show (this particular shape)?

8. What does the slope of Graph 3 mean?

9. Find the slope of Graph 3.

10. When will the object be going 34 m/s?



11. What does the area under Graph 3 mean?

12. How far will the object in Graph 3 move during the first 10 seconds?

13. An object travels for 15 seconds while experiencing  $6 \text{ m/s}^2$ . If its final velocity is  $2 \text{ m/s}$ , find its initial velocity.

14. Why are protecting wetlands so important for us, not just wildlife?

15. Shipping companies typically use rivers to move cargo (much cheaper by ship). Much of their cargo comes from overseas including toxic chemicals and oil. This cargo is usually transferred in the midst of what delicate biome?