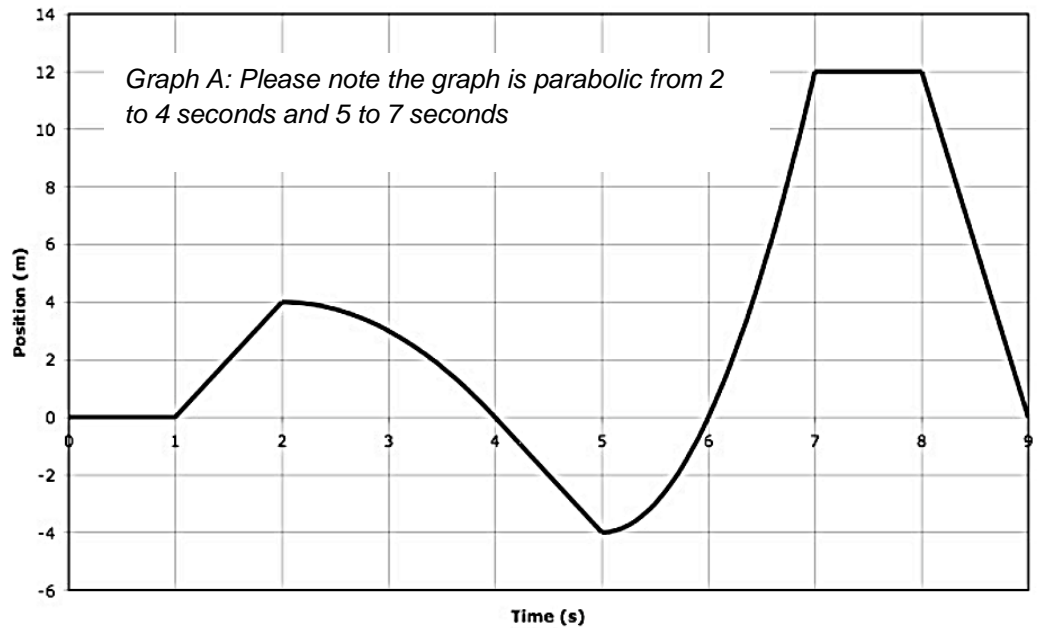


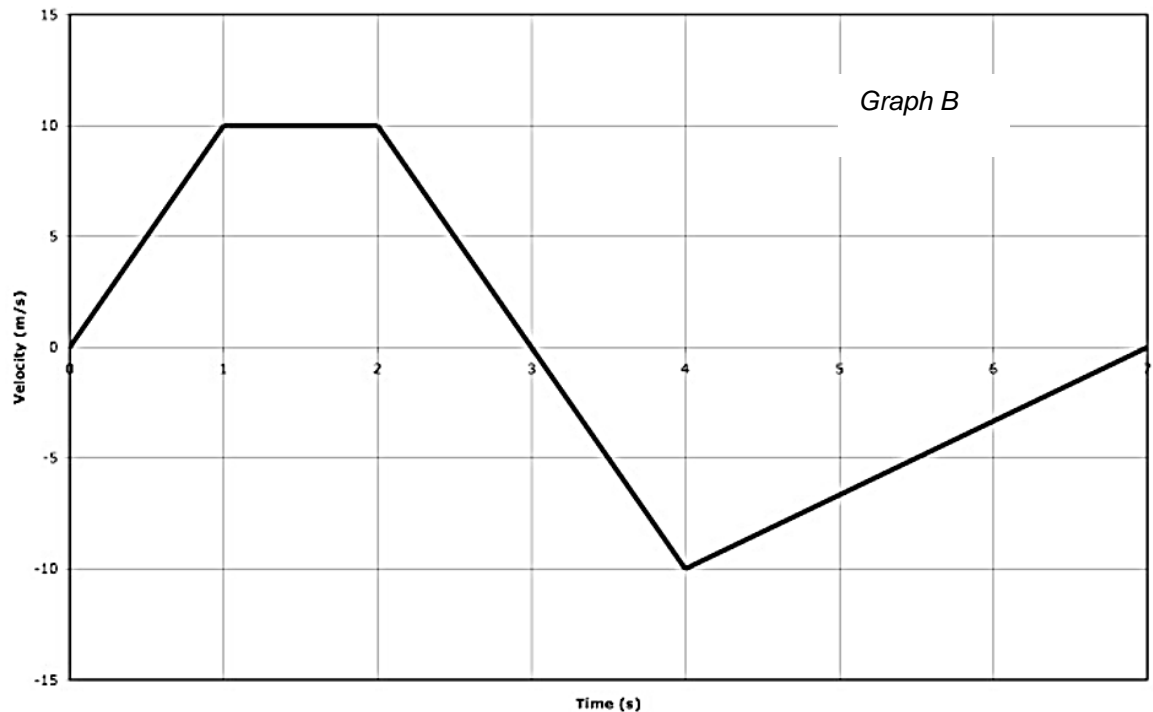
Questions 1-8 refer to graph A:

1. During which intervals is the acceleration zero?
2. Is the final position positive or negative?
3. When is the velocity negative while the position is positive?
4. When is the maximum speed achieved?
5. When is the acceleration positive and finite?
6. When is the acceleration negative infinity?
7. How should the graph be drawn to prevent infinite accelerations?
8. What object could have the motion shown in the graph? Justify your answer.

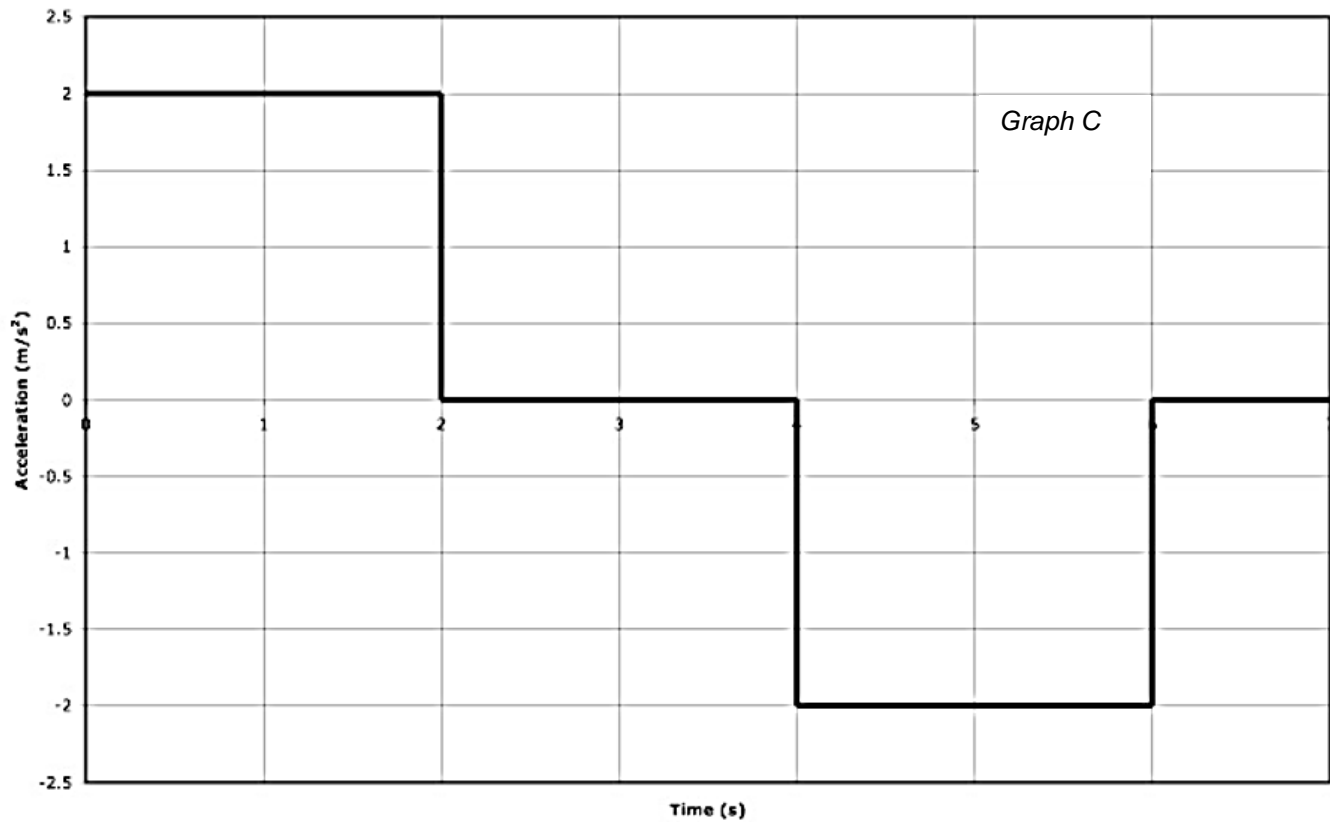


Questions 9-13 refer to graph B:

9. When is the object at rest?
10. When is the acceleration zero?
11. When is the acceleration positive?
12. Is the final position positive or negative?
13. What object could have the motion shown in the graph? Justify your answer.



Questions 14-18 refer to graph C:



14. When is the velocity constant?

15. When is the velocity positive?

16. When is the velocity zero?

17. Is the final position positive or negative?

18. What object could have the motion shown in the graph? Justify your answer.