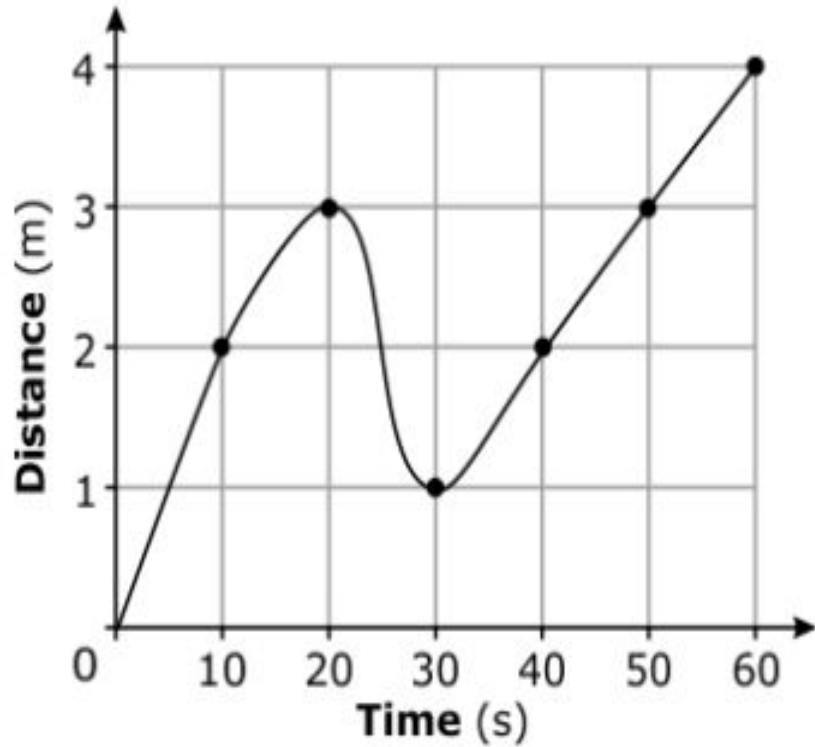# P.1.4 Reading Graphs

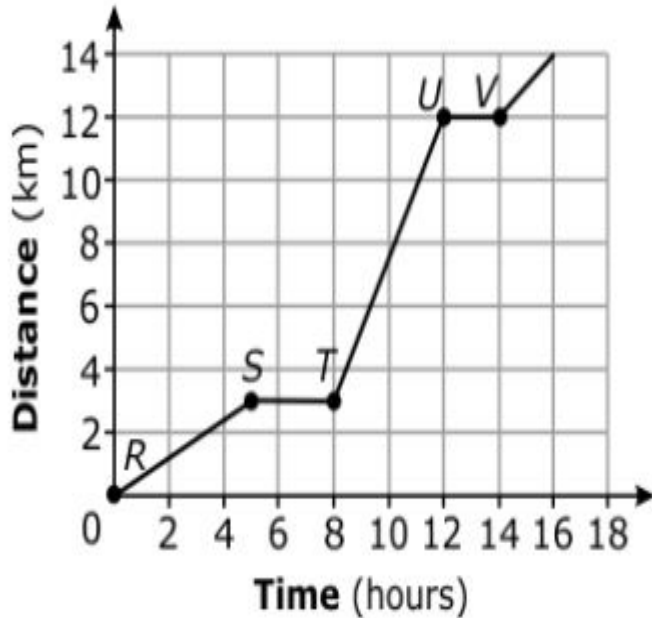By: Terry Dugger

Reading a Graph

You must always read the title of both axes before you read the graph.

1. On what interval was the object traveling at a constant velocity?
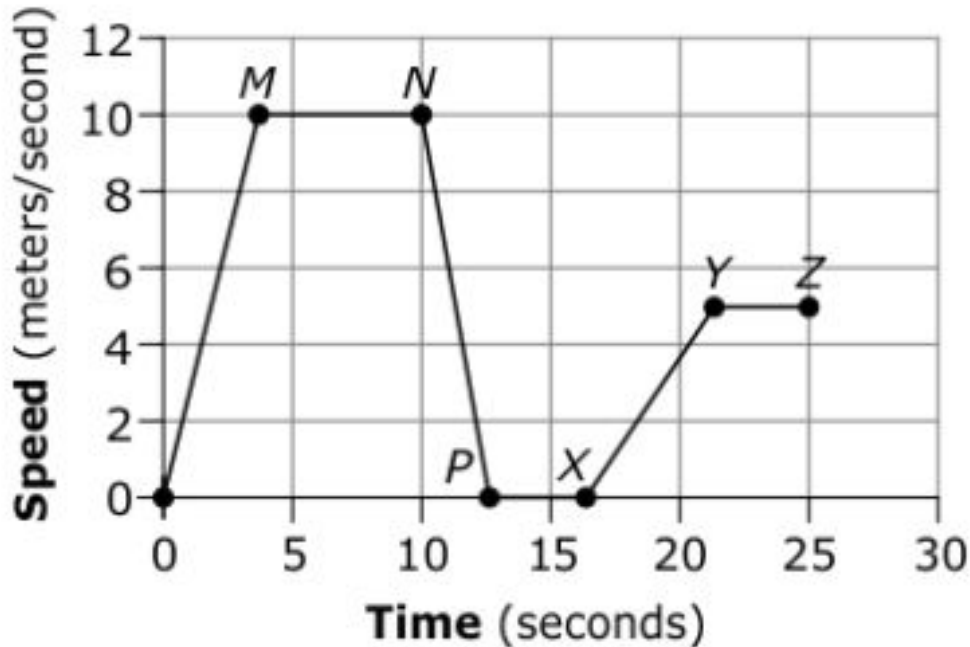
30 to 60 seconds

What best describes the car between 5 and 8 hours.
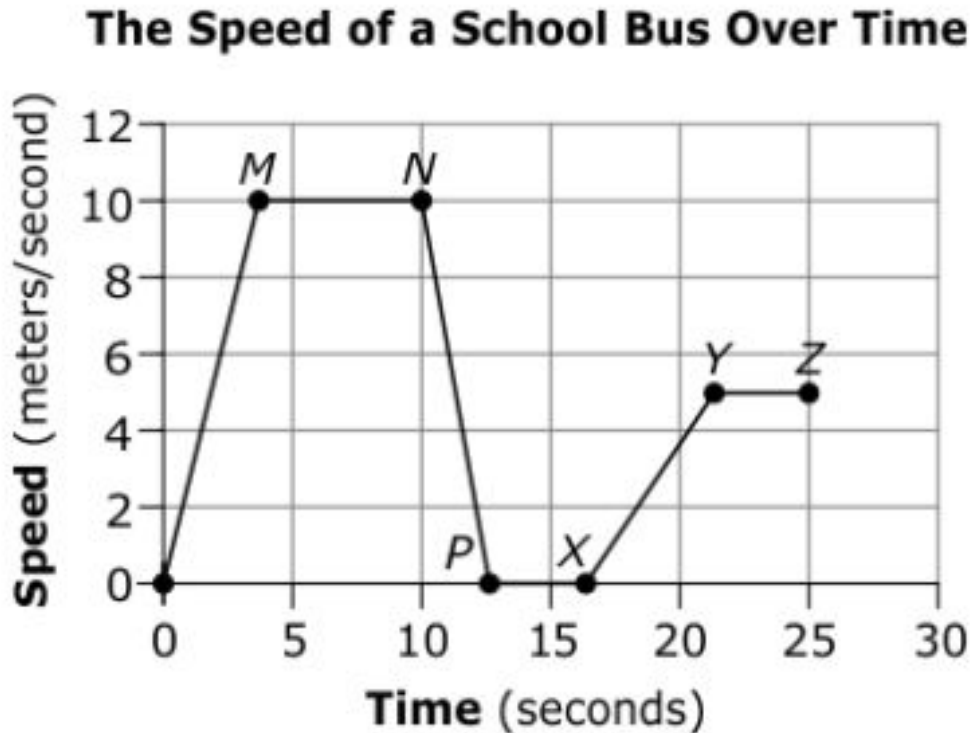

2. Highlight the correct answer.

A. Traveling a constant speed.
B. The car was parked.
C. The car was accelerating.
D. The car was decelerating.

The Speed of a School Bus Over Time

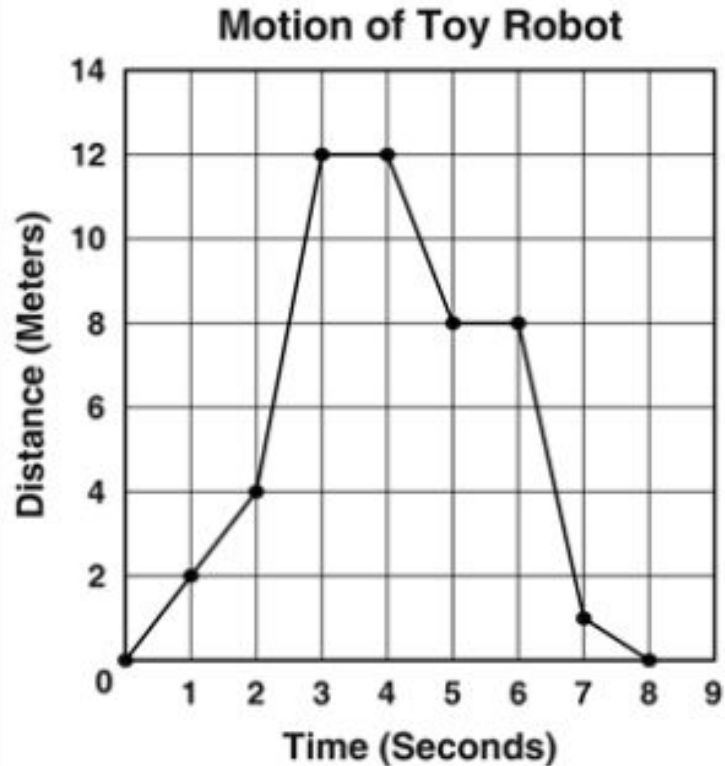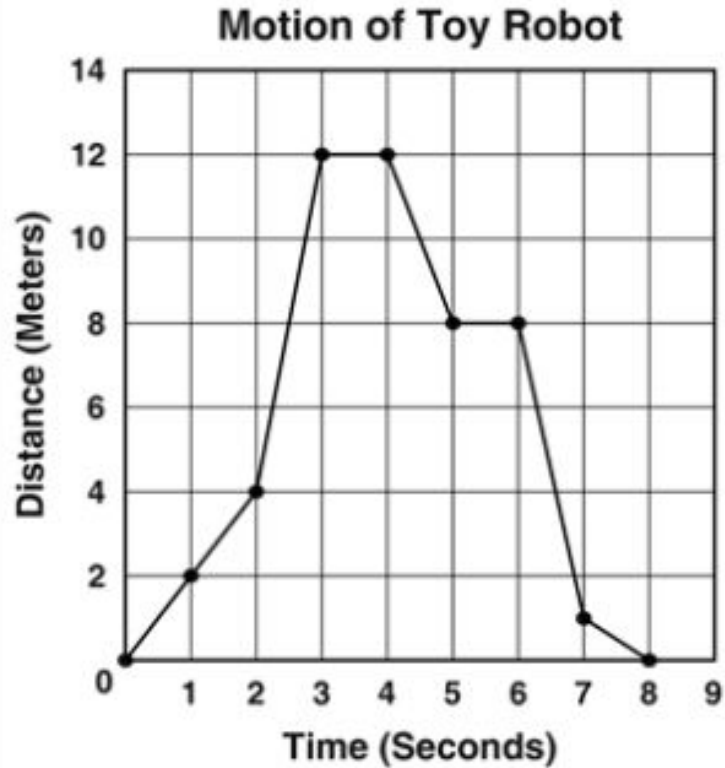3. What best describes the speed of the bus from X to Y?

  accelerating

The Speed of a School Bus Over Time

4. What best describes the speed of the bus from Y to Z?

  constant speed

Motion of Toy Robot

5. What best describes the toy robot's speed between 0 and 2 seconds?
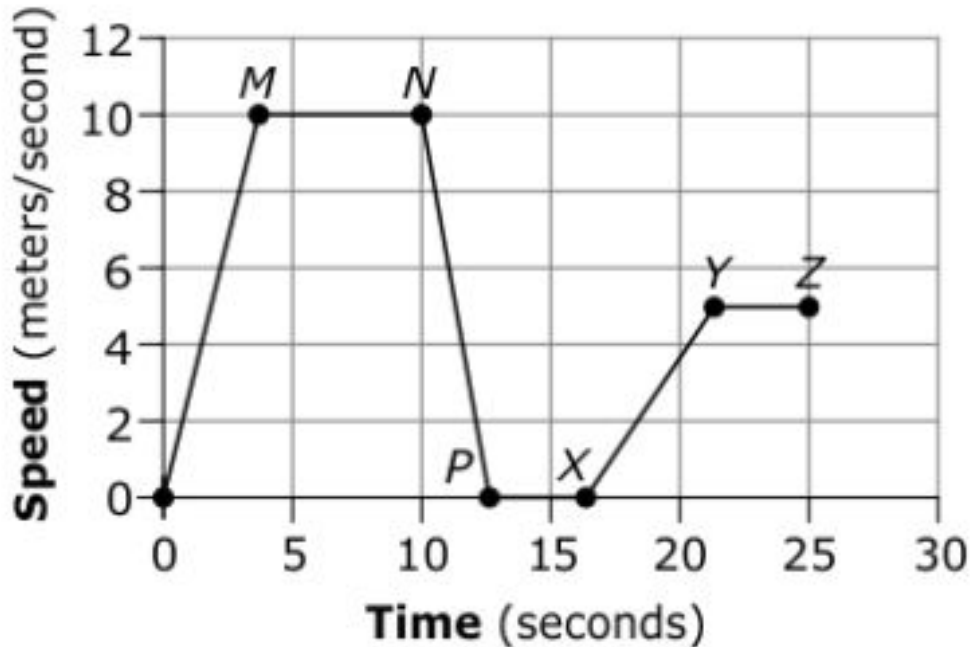
  constant speed

Motion of Toy Robot

6. What best describes the toy robot's speed between 3 and 4 seconds?

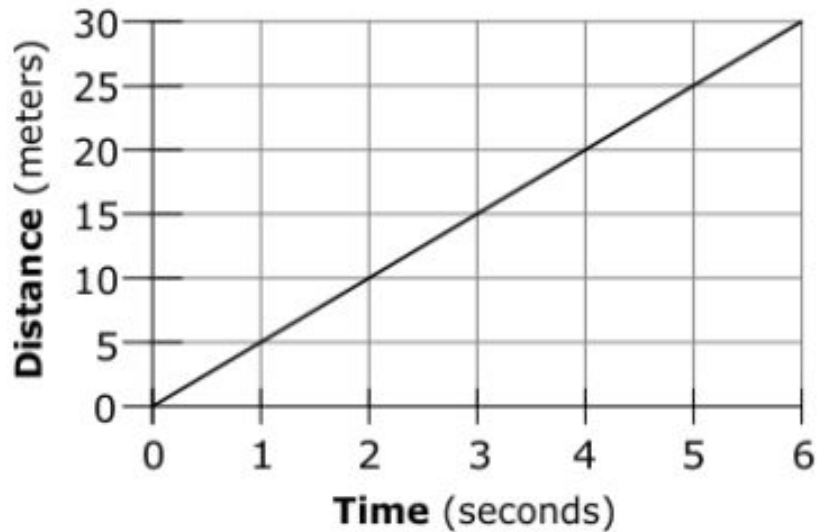 not moving

The Speed of a School Bus Over Time

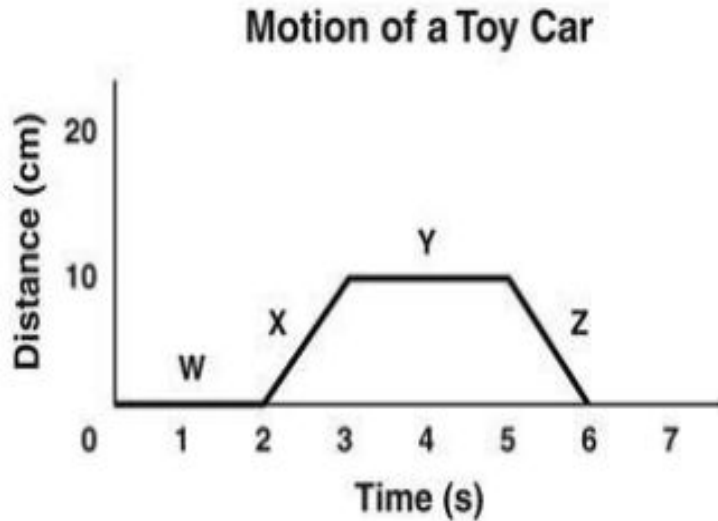7. What best describes the speed of the bus from N to P?

 accelerating (decelerating)

8. What best describes the speed in the graph?
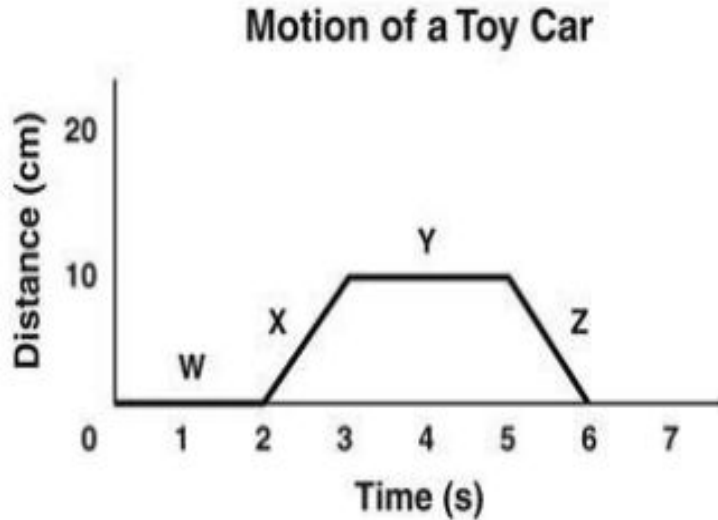
 constant speed

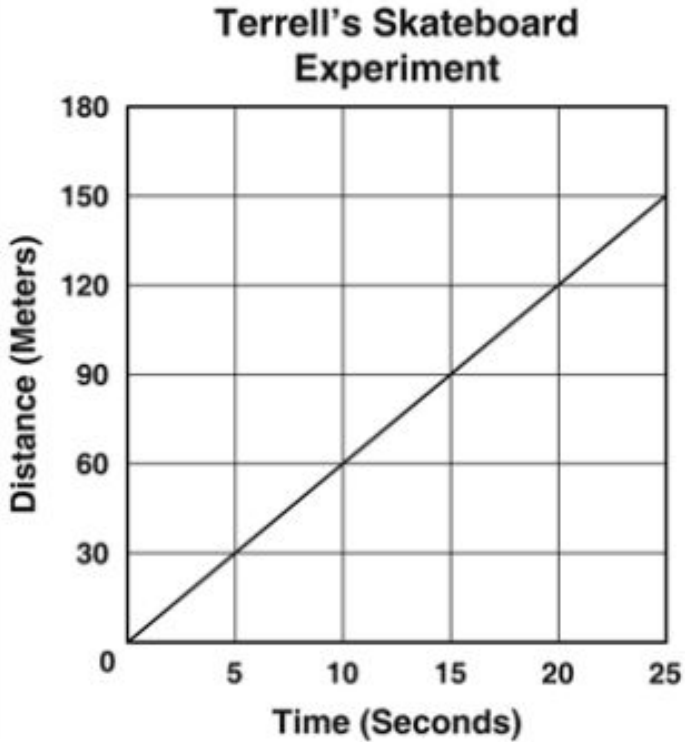9. What best describes the toy car's speed at w?

 not moving

Motion of a Toy Car
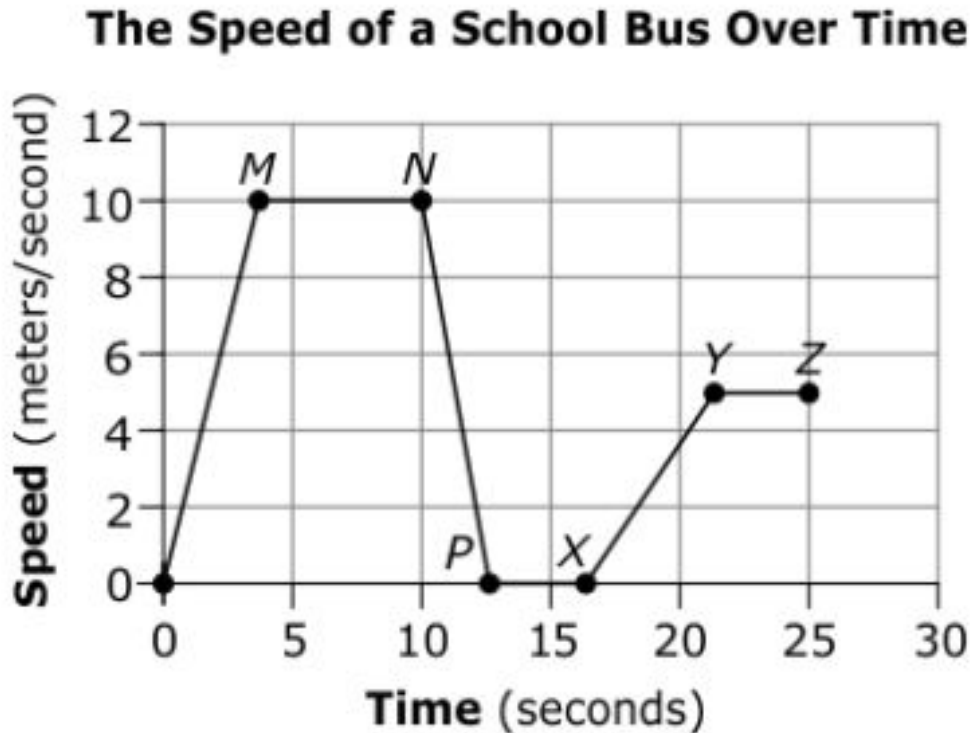
10. What best describes the toy car's speed at x?

 constant speed

Motion of a Toy Car

Terrell's Skateboard Experiment

11. What is Terrell's average speed? R = D/t

r = 30/5 = 6 mps

The Speed of a School Bus Over Time

12. What best describes the speed of the bus from P to X?

 not moving

Motion of Swimmers in Race

13. Which swimmer is faster?

 swimmer 1

Motion of Swimmers in Race
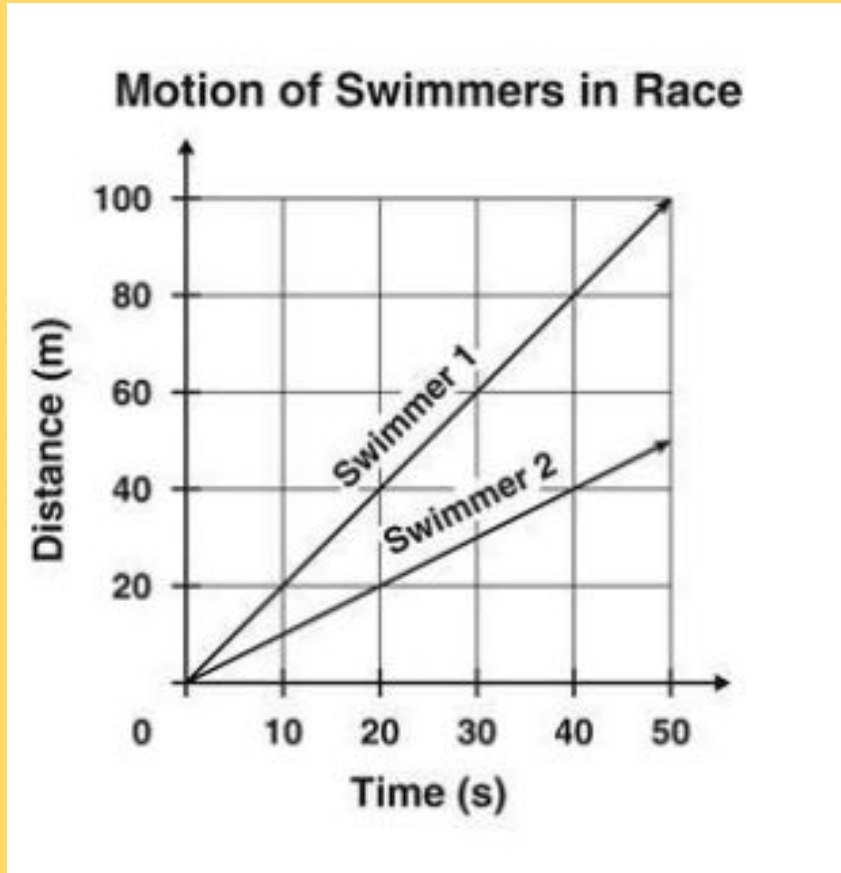
14. What is the speed of swimmer 1? r = D/t

 r = 40/20 = 2 mps

The Speed of a School Bus Over Time
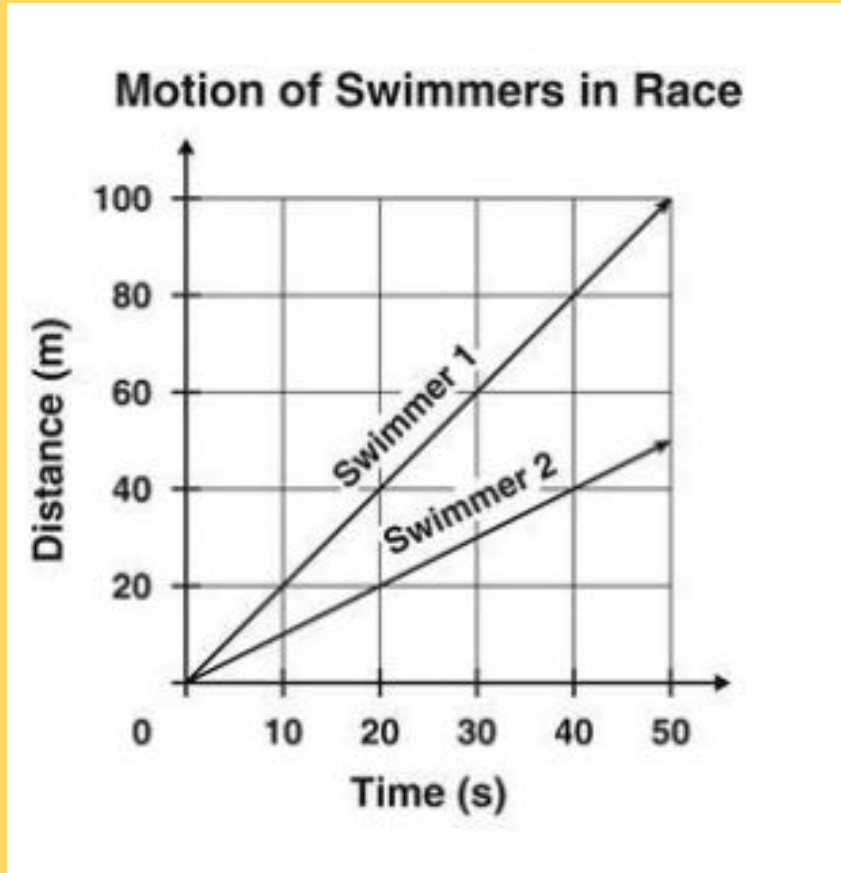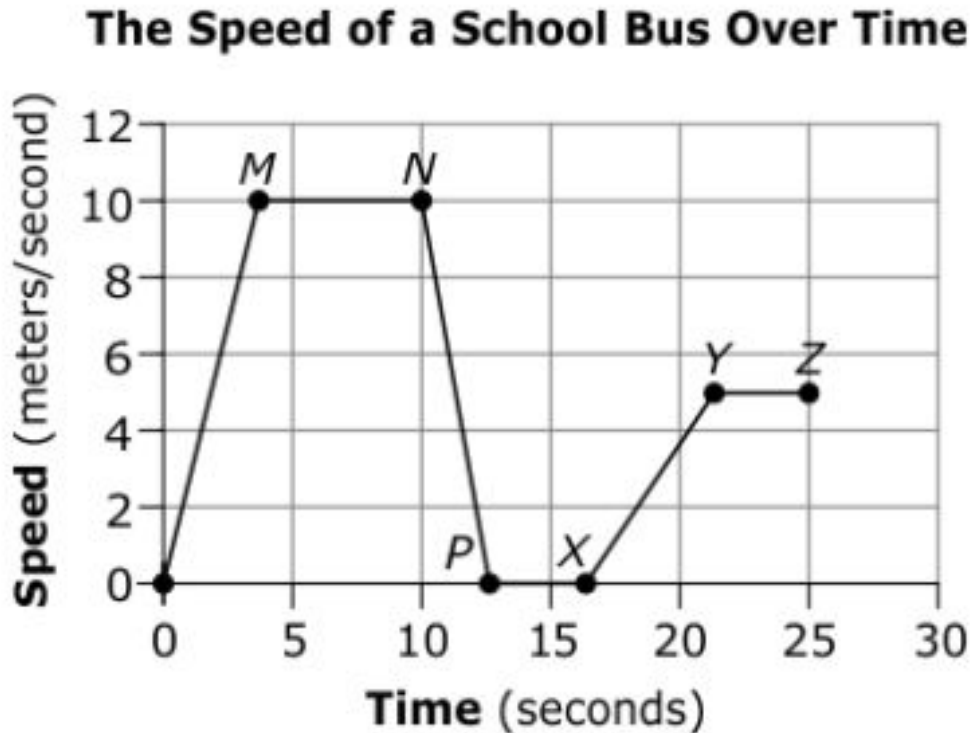
15. What best describes the speed of the bus from M to N?

__constant speed__

The Speed of a School Bus Over Time
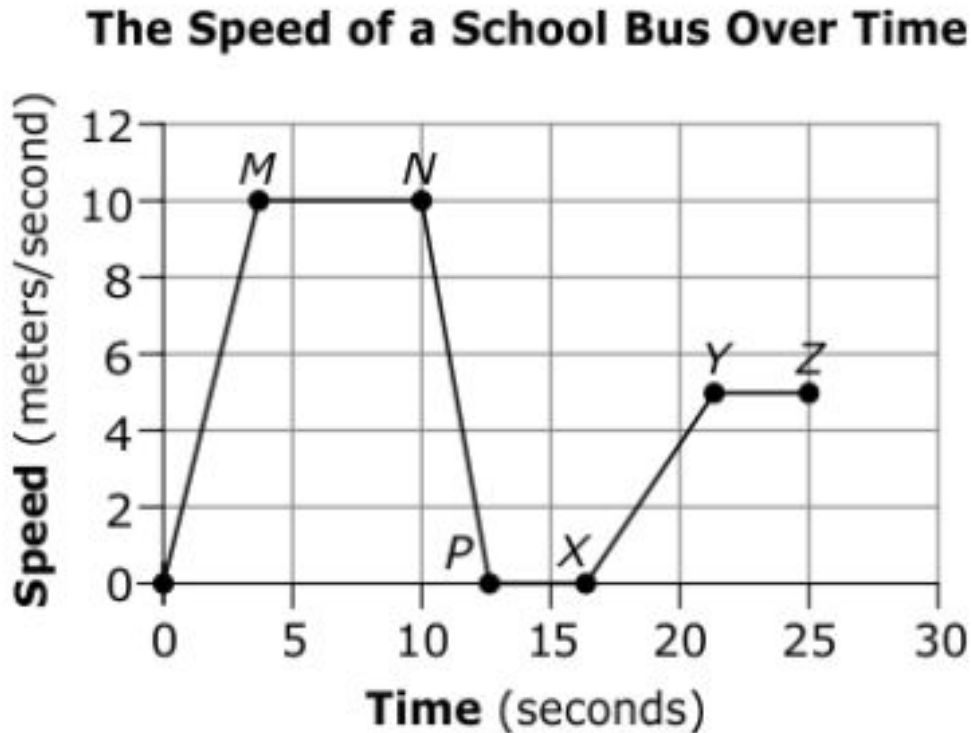
16. What best describes the speed of the bus from zero to M?

  accelerating

THE END