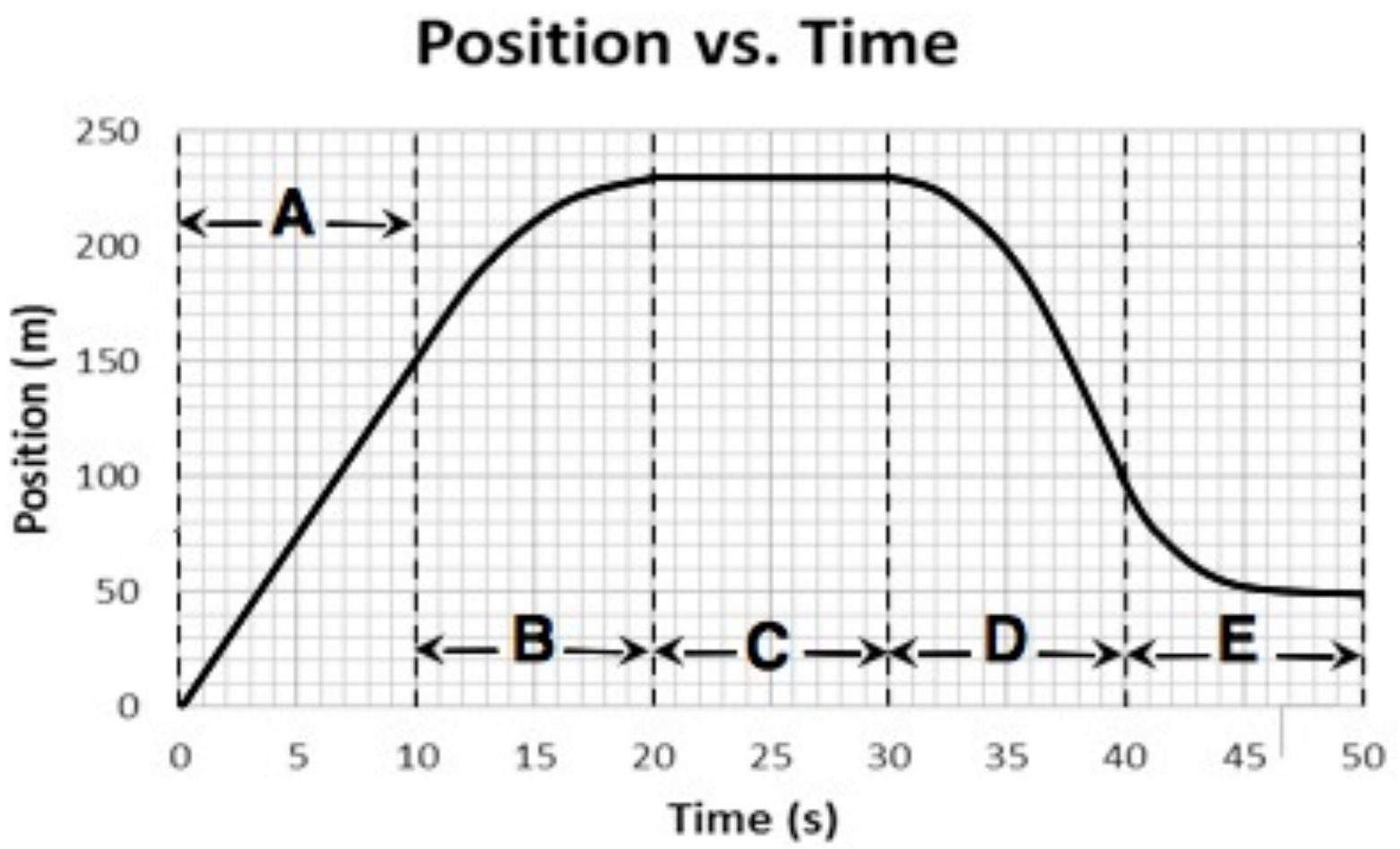
Fill in the blank

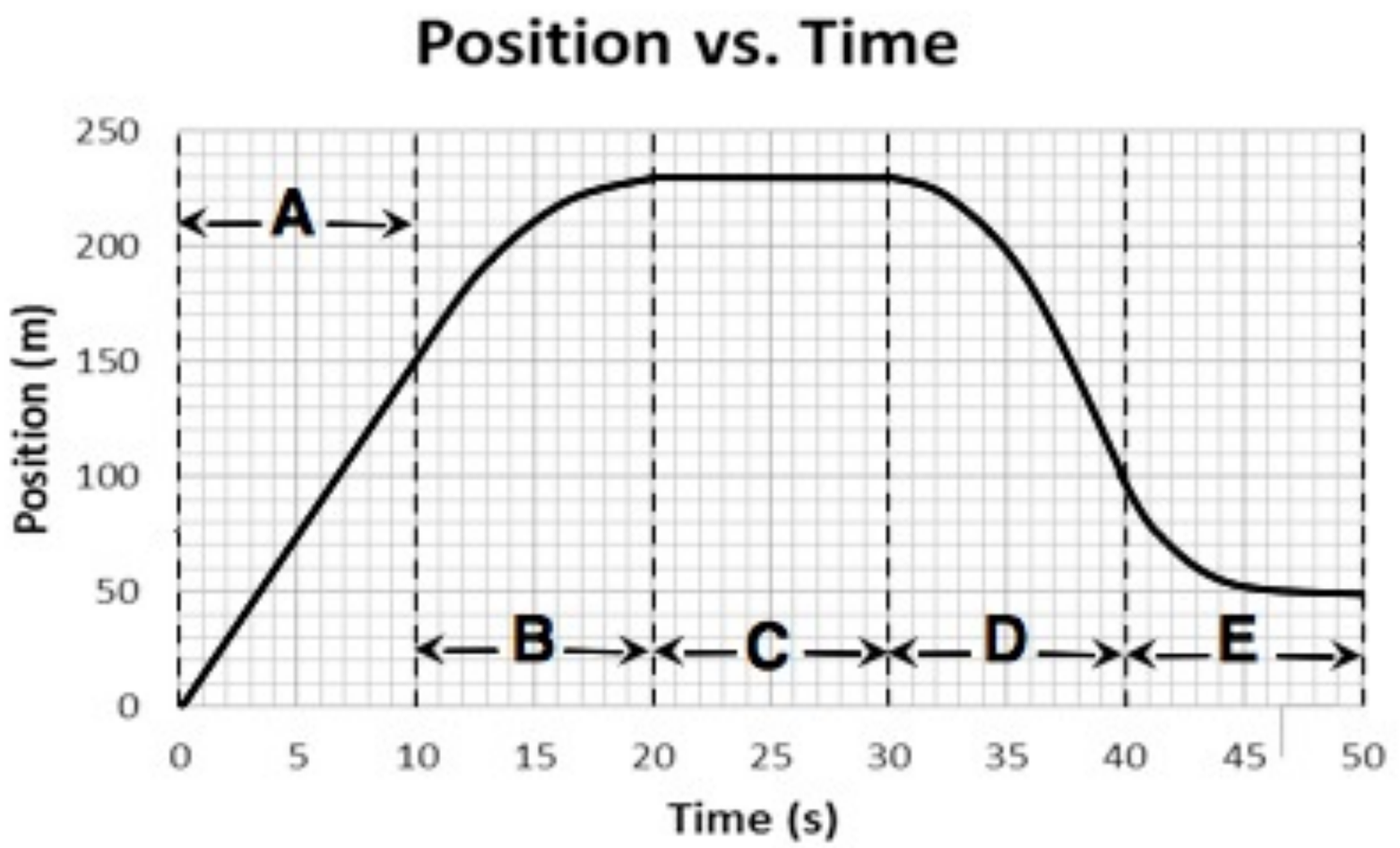
- The slope on a Position vs. Time graph indicates _____.
- The slope on a Velocity vs. Time graph indicates _____.
- The area between the plot of velocity (on a Velocity vs. Time graph) and the horizontal axis indicates _____.

Fill in the blank

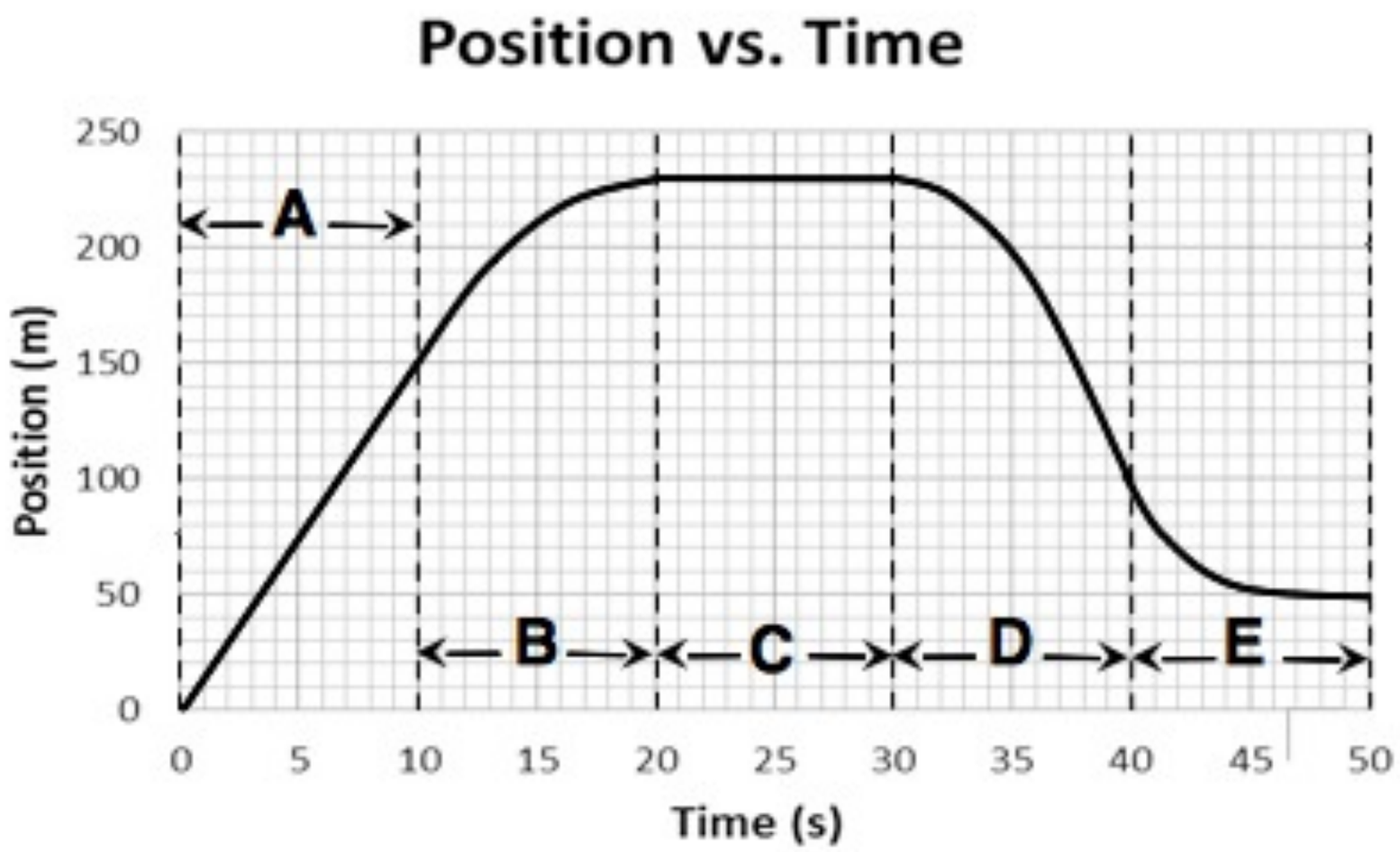
- The symbol for the acceleration due to gravity is ____ and has a value of _____ near earth.
- In the absence of air resistance, all objects fall with constant _____.
- A vector is a quantity that requires both _____ and _____ to fully describe it.



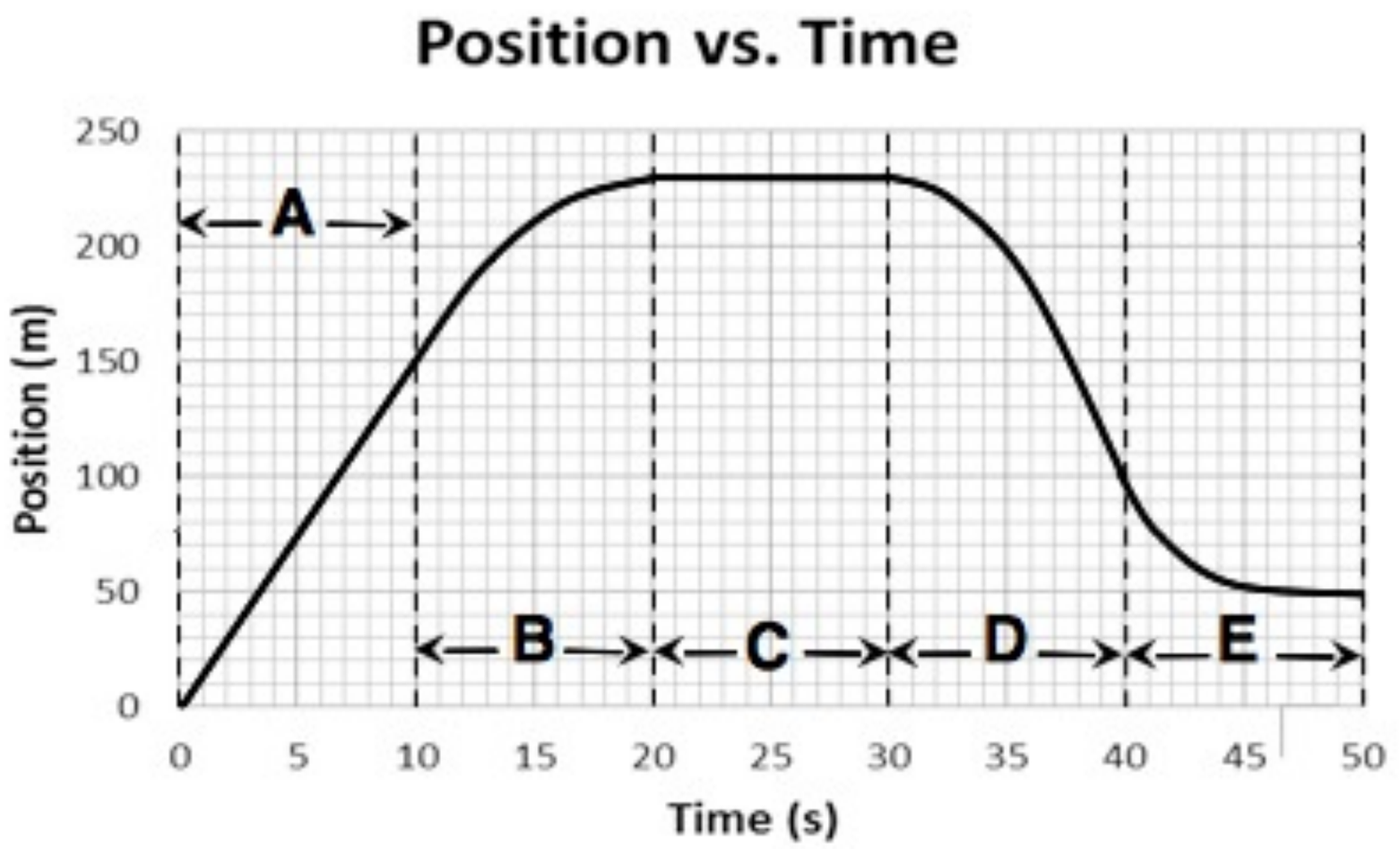
From 0 to 10 seconds, the unicyclist is _____ in the _____ direction.



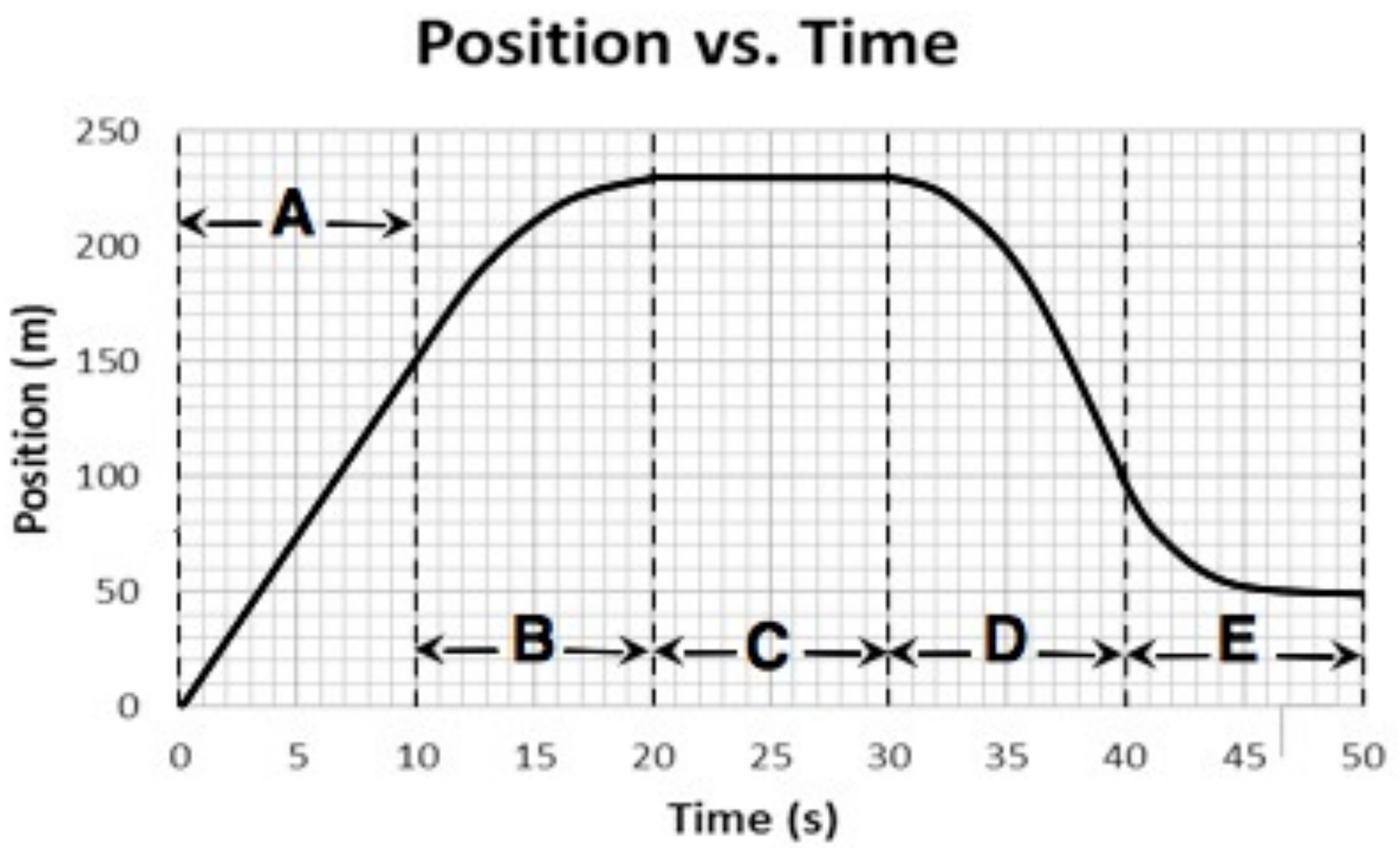
From 10 to 20 seconds, the unicyclist is _____ in the _____ direction.



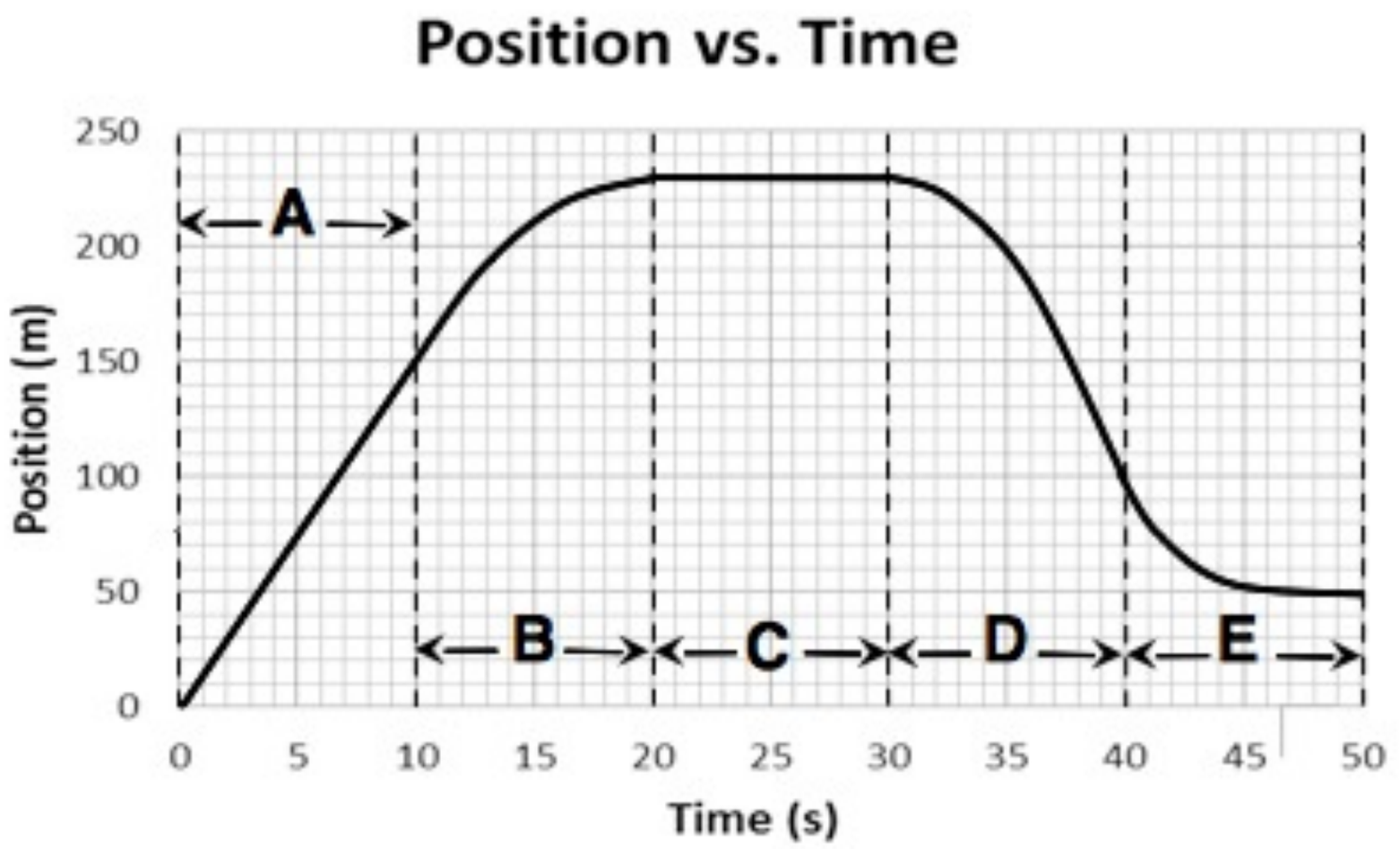
From 20 to 30 seconds, the unicyclist is _____ in the _____ direction.



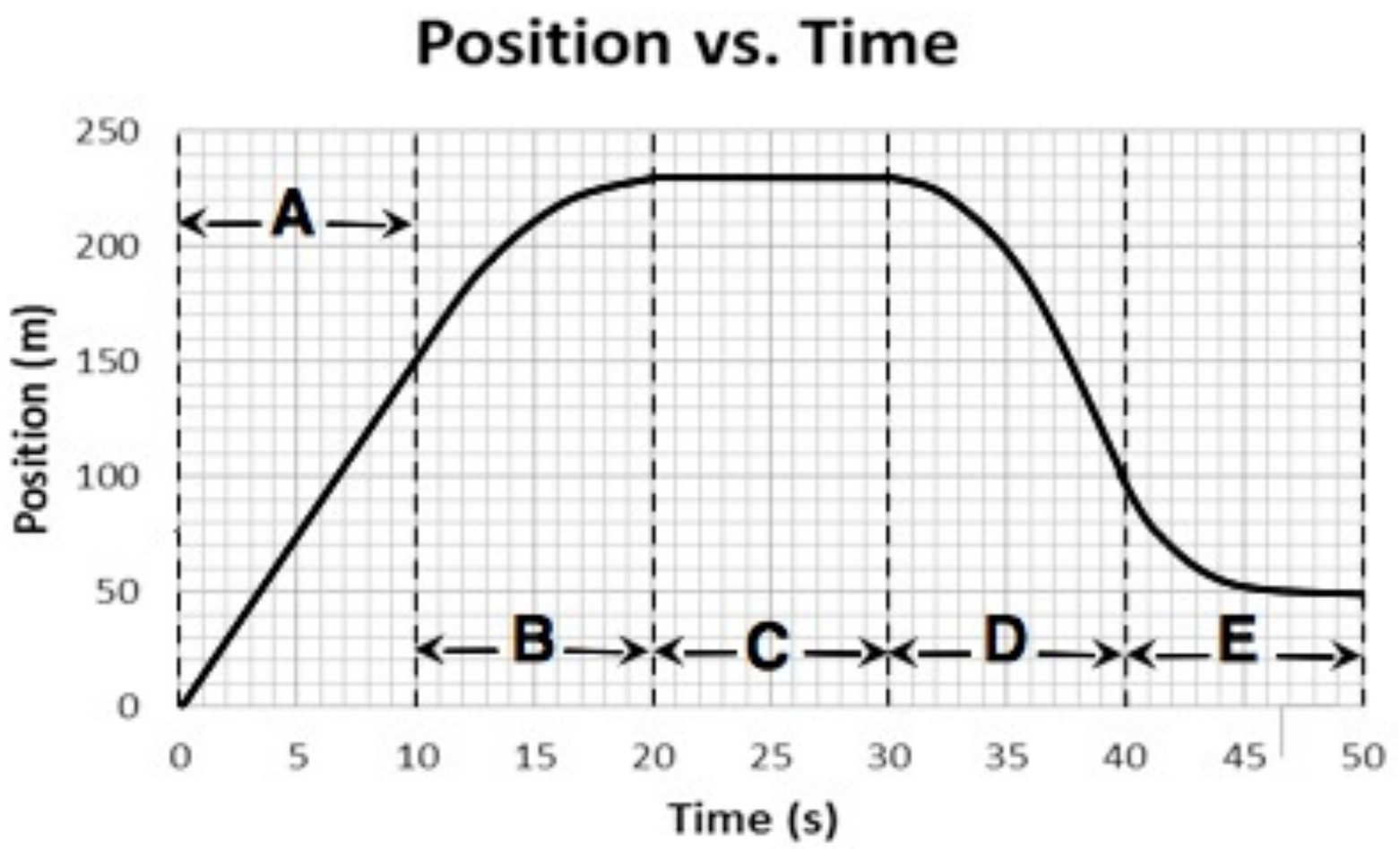
From 30 to 40 seconds, the unicyclist is _____ in the _____ direction.



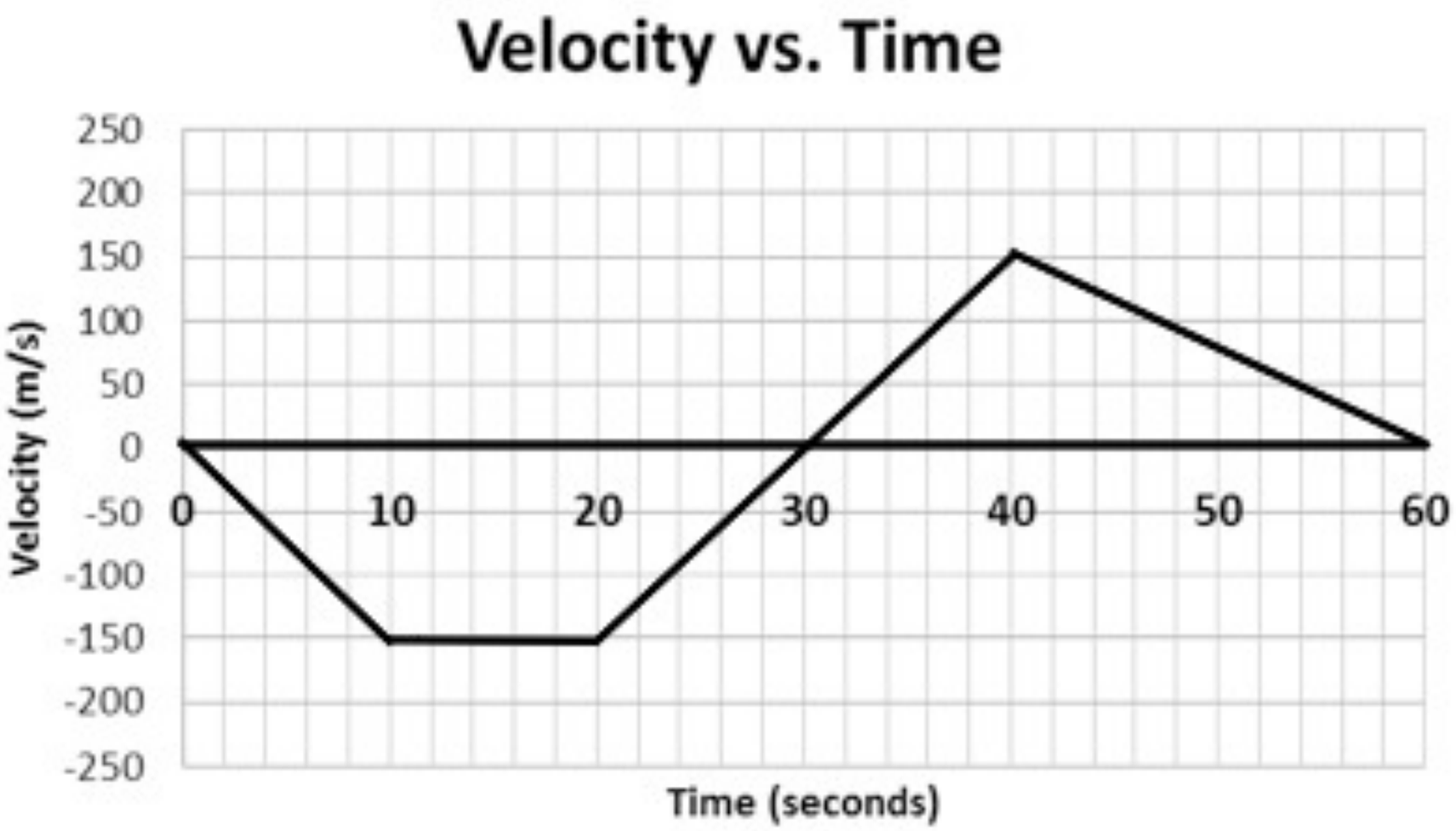
From 40 to 50 seconds, the unicyclist is _____ in the _____ direction.



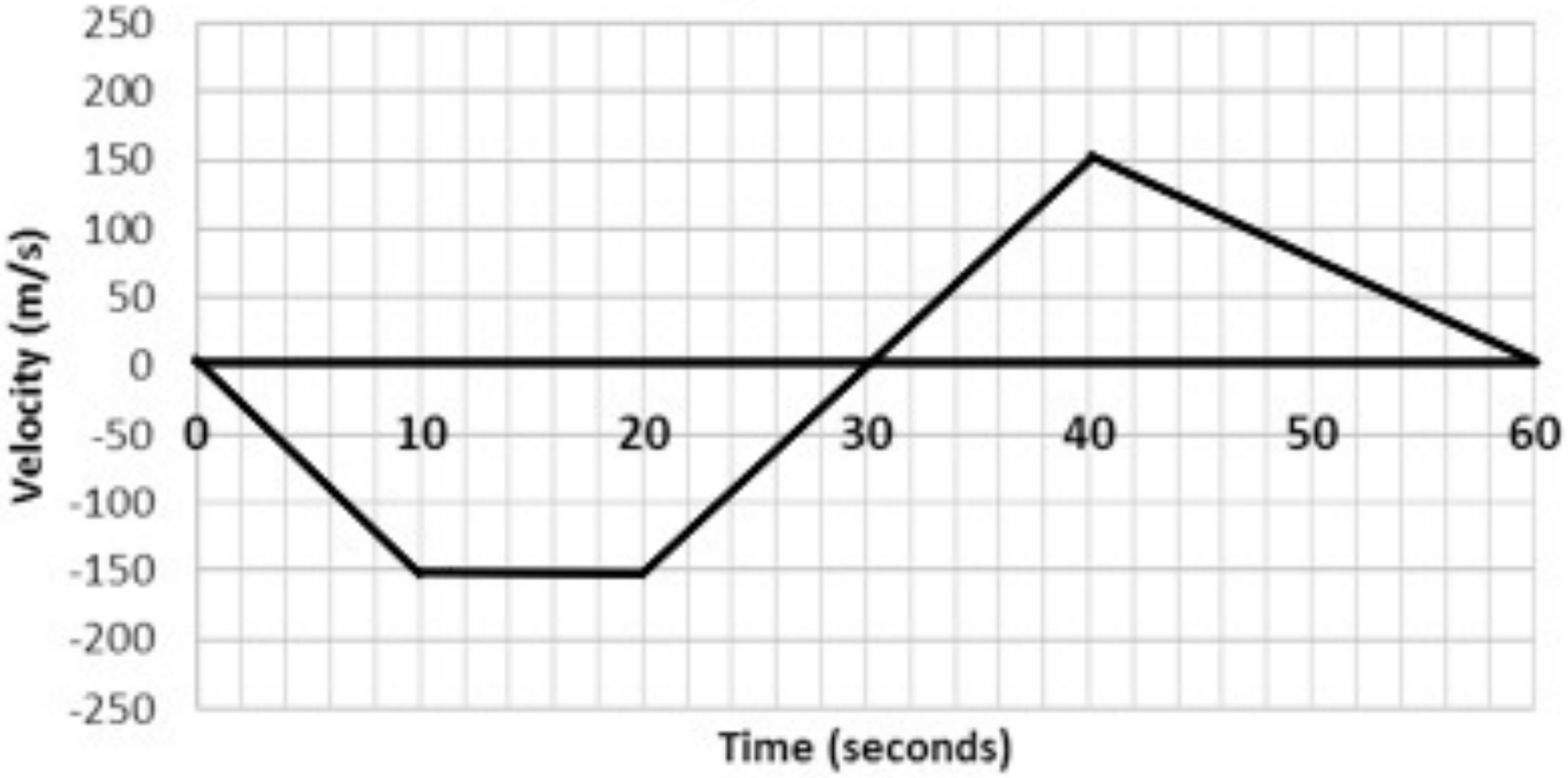
What is the average velocity of the unicyclist from t = 30 to 40 seconds?



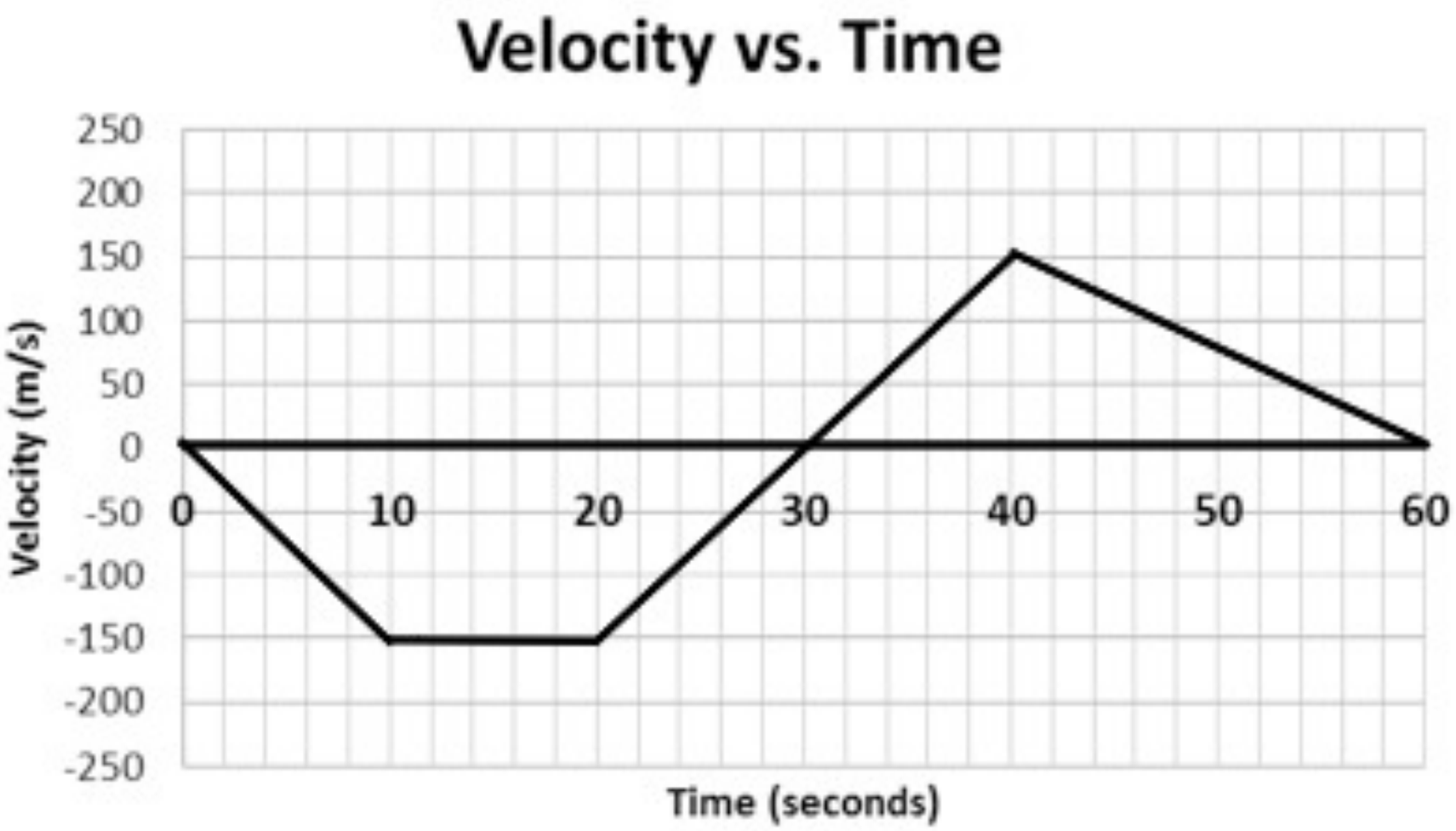
What is the instantaneous velocity at t = 6 seconds?



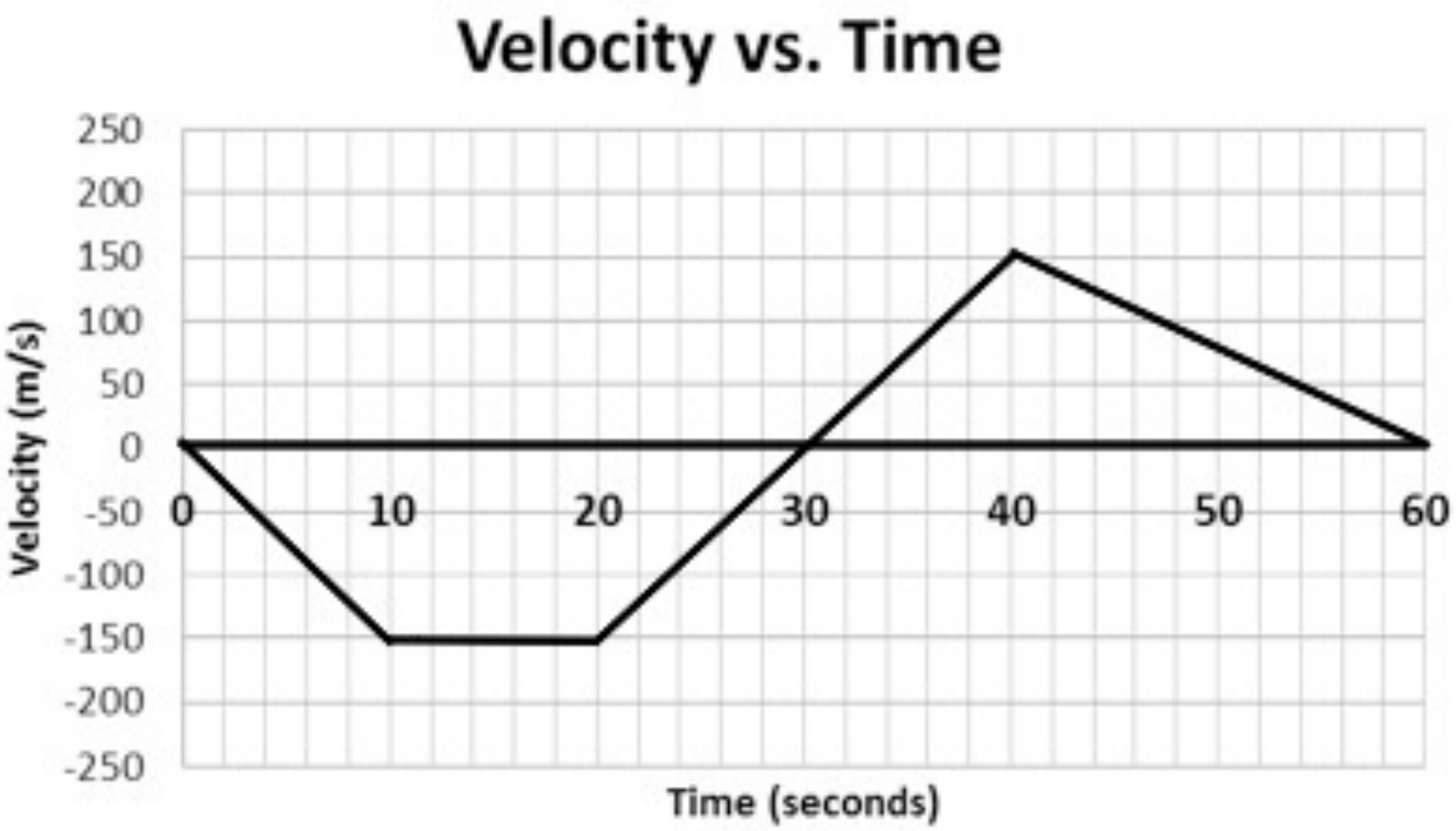
From 0 to 10 seconds, the particle is _____ in the _____ direction.



From 10 to 20 seconds, the particle is _____ in the _____ direction.



From 20 to 30 seconds, the particle is _____ in the _____ direction.



From 40 to 60 seconds, the particle is _____ in the _____ direction.