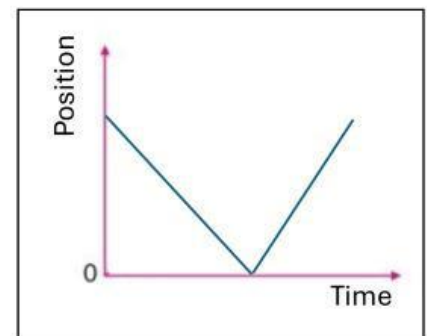
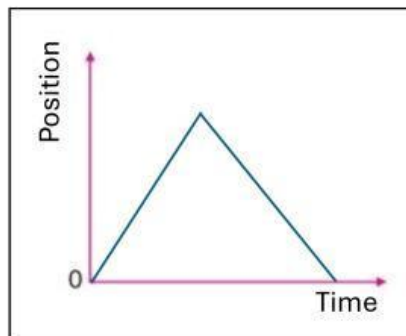
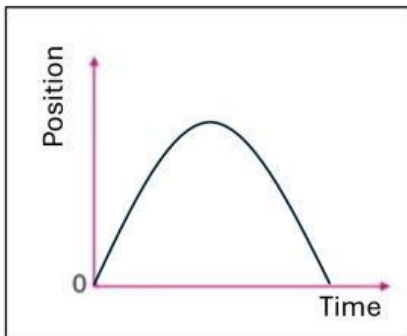


## Part 2:

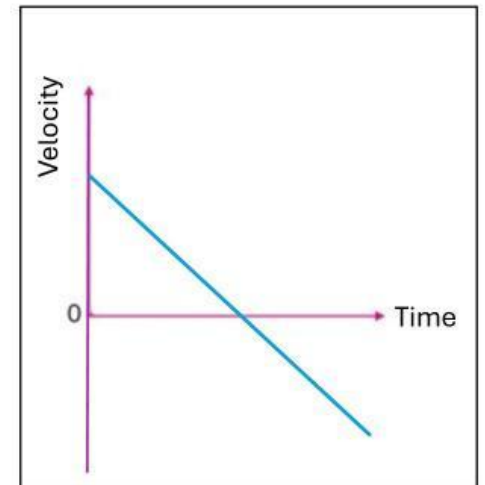
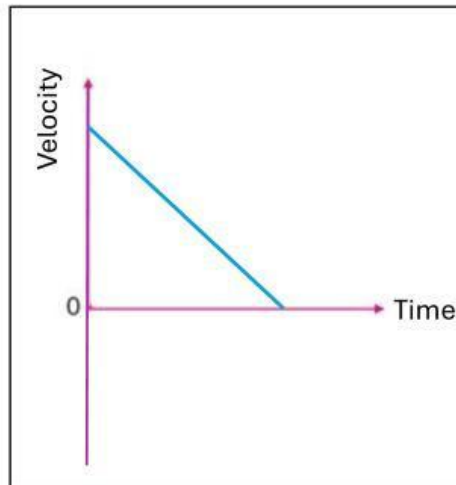
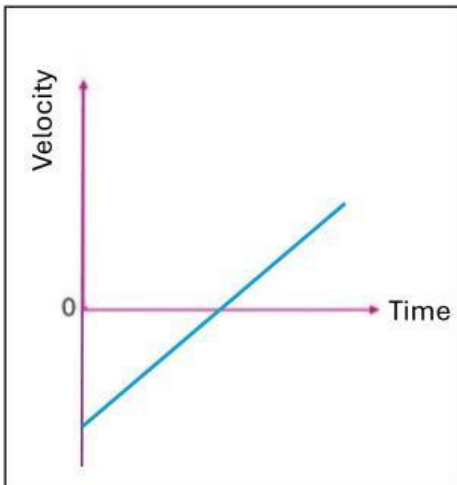
A boy throws a ball upward, as illustrated in the figure. Answer the following questions to gain a better understanding of this motion



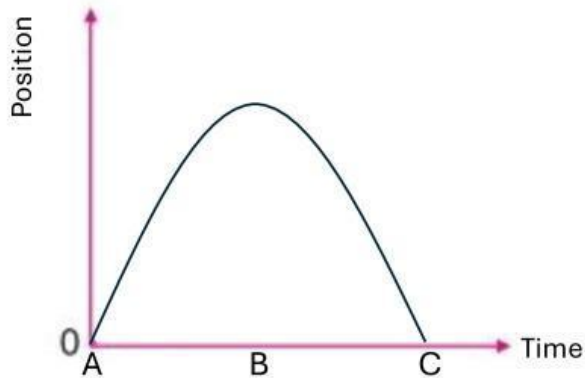
1. Which of the following graphs represents the ball's **position over time**?



2. Which of the following graphs represents the ball's **velocity over time**?

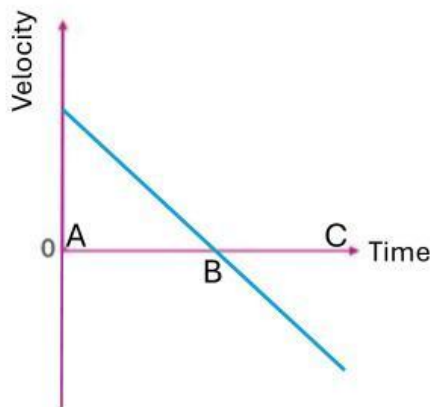


3. The graph below shows the changes in position over time of a thrown-up object. Determine the instant at which the object reaches the peak of the trajectory. and the singe of the velocity at each point



|   |   |   |
|---|---|---|
| A | B | C |
|---|---|---|

4. The graph below shows the changes in velocity over time of a thrown-up object. Determine the instant at which the object reaches the peak of the trajectory.



|   |   |   |
|---|---|---|
| A | B | C |
|---|---|---|