

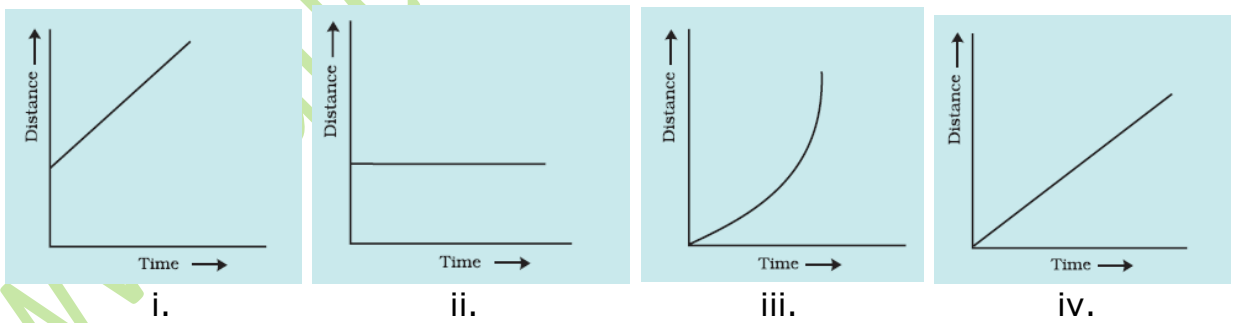
Name: _____ Date: _____

Motion and Time

Q1. Write down the steps to draw a graph.

Ans. _____

Q2. Which of the following distance-time graphs shows a truck moving with speed which is not constant?



Ans.

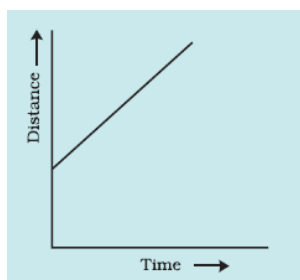
Motion and Time

Q1. Write down the steps to draw a graph.

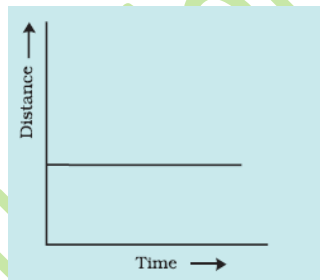
Ans. Steps

- i. Draw two perpendicular lines to represent the two axes and mark them as OX and OY.
- ii. Decide the quantity to be shown along the x-axis and that to be shown along the y-axis.
- iii. Choose a scale to represent the distance and another to represent the time on the graph.
- iv. Mark values for the time and the distance on the respective axes according to the scale you have chosen.
- v. Mark the points on the graph paper to represent each set of values for distance and time. Join the points.

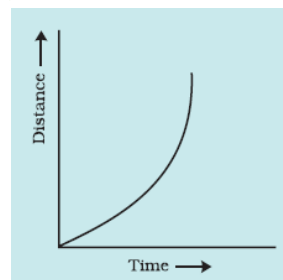
Q2. Which of the following distance-time graphs shows a truck moving with speed which is not constant?



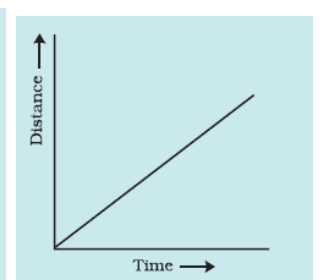
i.



ii.



iii.



iv.

Ans.

