# EduSahara™ Learning Center Assignment

**Grade**      : Class VII, ICSE
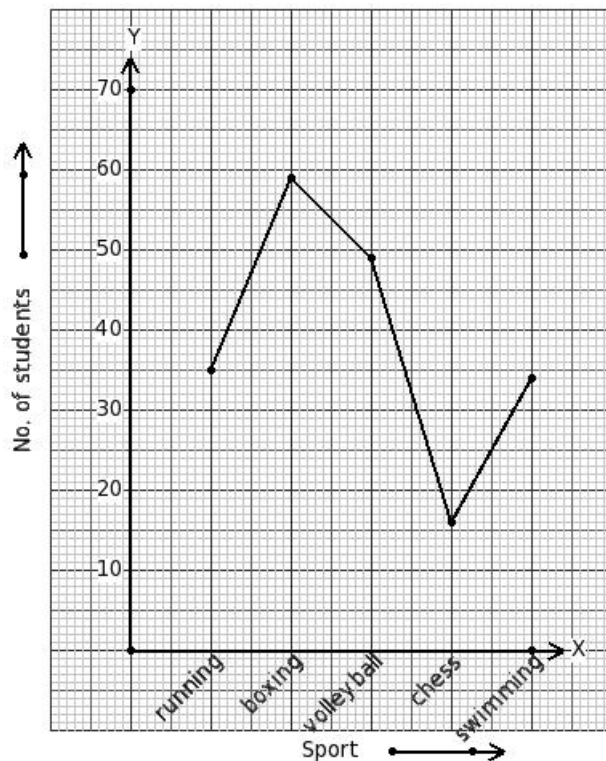**Chapter**    : Statistics
**Name**       : Line Graph
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The following line graph gives data regarding

1. the favourite sport of  193  students of a school.

   Identify the table for the given line graph.



(i)

| Sport | running | boxing | volleyball | chess | swimming |
|---|---|---|---|---|---|
| No. of students | 35 | 52 | 49 | 16 | 34 |

(ii)

| Sport | running | boxing | volleyball | chess | swimming |
|---|---|---|---|---|---|
| No. of students | 35 | 59 | 49 | 16 | 34 |

(iii)

| Sport | running | boxing | volleyball | chess | swimming |
|---|---|---|---|---|---|
| No. of students | 35 | 59 | 49 | 10 | 34 |

(iv)

| Sport | running | boxing | volleyball | chess | swimming |
|---|---|---|---|---|---|
| No. of students | 35 | 59 | 55 | 16 | 34 |

(v)

| Sport | running | boxing | volleyball | chess | swimming |
|---|---|---|---|---|---|

| No. of students | 35 | 59 | 49 | 16 | 42 |
|---|---|---|---|---|---|

2. 135 students of a school use different modes of travel to school.

Identify the table for the given line graph.



(i)
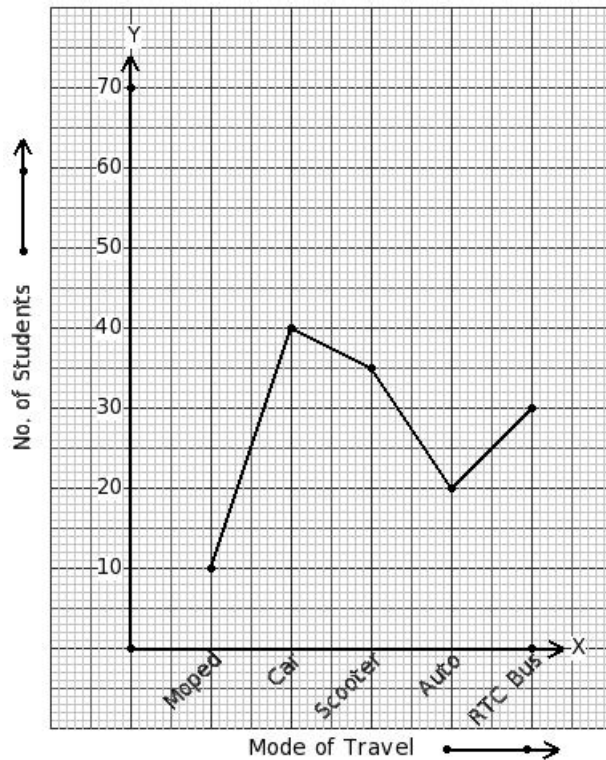
| Mode of Travel | Moped | Car | Scooter | Auto | RTC Bus |
|---|---|---|---|---|---|
| No. of Students | 10 | 46 | 35 | 20 | 30 |

(ii)

| Mode of Travel | Moped | Car | Scooter | Auto | RTC Bus |
|---|---|---|---|---|---|
| No. of Students | 10 | 40 | 41 | 20 | 30 |

(iii)

| Mode of Travel | Moped | Car | Scooter | Auto | RTC Bus |
|---|---|---|---|---|---|
| No. of Students | 10 | 40 | 35 | 20 | 30 |

(iv)

| Mode of Travel | Moped | Car | Scooter | Auto | RTC Bus |
|---|---|---|---|---|---|
| No. of Students | 10 | 40 | 35 | 26 | 30 |

(v)

| Mode of Travel | Moped | Car | Scooter | Auto | RTC Bus |
|---|---|---|---|---|---|
| No. of Students | 10 | 40 | 35 | 20 | 36 |

3. There are 215 creatures in a zoo as shown in the line graph.
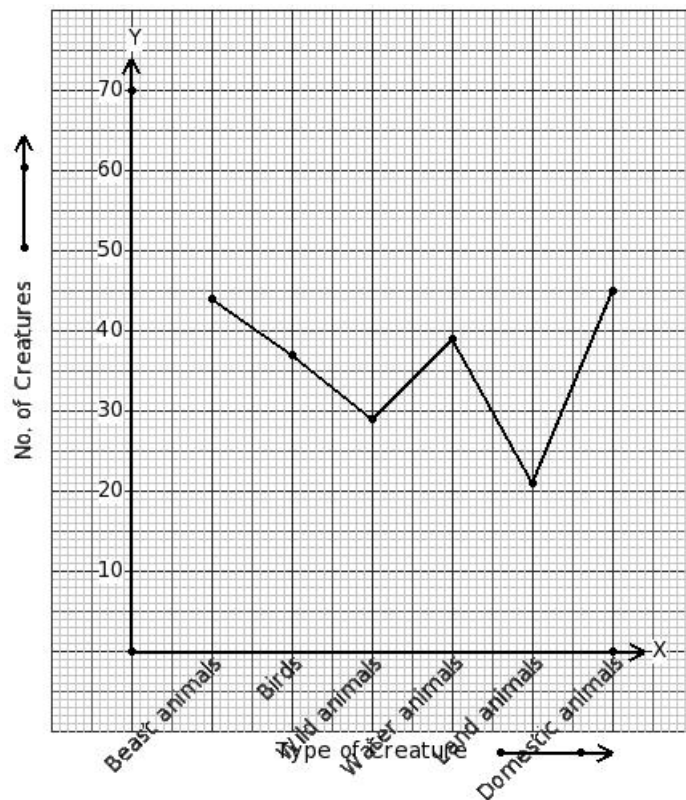
Identify the table for the given line graph.

(i)

| Type of Creature | Beast animals | Birds | Wild animals | Water animals | Land animals | Domestic animals |
|---|---|---|---|---|---|---|
| No. of Creatures | 44 | 37 | 29 | 39 | 27 | 45 |

(ii)

| Type of Creature | Beast animals | Birds | Wild animals | Water animals | Land animals | Domestic animals |
|---|---|---|---|---|---|---|
| No. of Creatures | 44 | 37 | 29 | 46 | 21 | 45 |

(iii)

| Type of Creature | Beast animals | Birds | Wild animals | Water animals | Land animals | Domestic animals |
|---|---|---|---|---|---|---|
| No. of Creatures | 44 | 37 | 29 | 39 | 21 | 45 |

(iv)

| Type of Creature | Beast animals | Birds | Wild animals | Water animals | Land animals | Domestic animals |
|---|---|---|---|---|---|---|
| No. of Creatures | 44 | 37 | 37 | 39 | 21 | 45 |

(v)

| Type of Creature | Beast animals | Birds | Wild animals | Water animals | Land animals | Domestic animals |
|---|---|---|---|---|---|---|
| No. of Creatures | 44 | 30 | 29 | 39 | 21 | 45 |

4. Bharathi fell sick. Her doctor maintained a record of her body temperature, taken every four hours.

The following line graph gives data regarding her body temperature .

Identify the table for the given line graph.

(i)
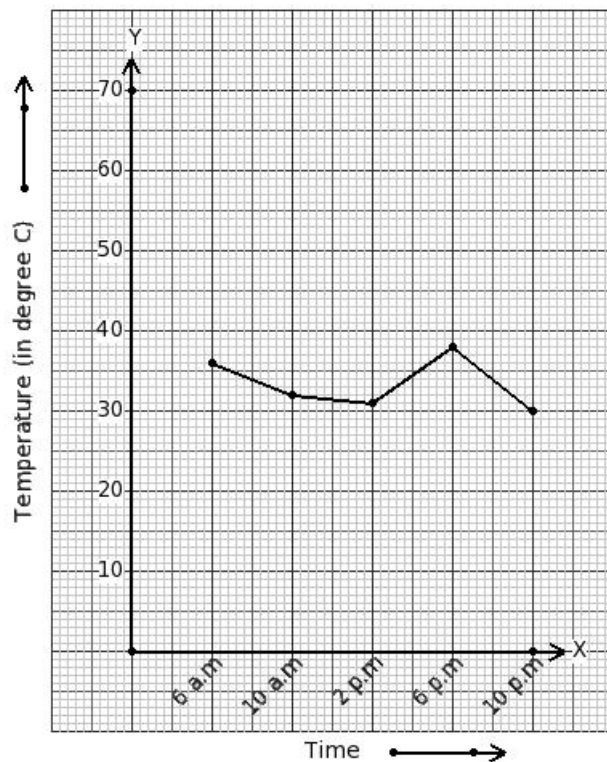
| Time | 6 a.m | 10 a.m | 2 p.m | 6 p.m | 10 p.m |
|---|---|---|---|---|---|
| Temperature (in degree C) | 36 | 32 | 31 | 38 | 30 |

(ii)

| Time | 6 a.m | 10 a.m | 2 p.m | 6 p.m | 10 p.m |
|---|---|---|---|---|---|
| Temperature (in degree C) | 36 | 38 | 31 | 38 | 30 |

(iii)

| Time | 6 a.m | 10 a.m | 2 p.m | 6 p.m | 10 p.m |
|---|---|---|---|---|---|
| Temperature (in degree C) | 36 | 32 | 31 | 38 | 23 |

(iv)

| Time | 6 a.m | 10 a.m | 2 p.m | 6 p.m | 10 p.m |
|---|---|---|---|---|---|
| Temperature (in degree C) | 36 | 32 | 31 | 46 | 30 |

(v)

| Time | 6 a.m | 10 a.m | 2 p.m | 6 p.m | 10 p.m |
|---|---|---|---|---|---|
| Temperature (in degree C) | 36 | 32 | 37 | 38 | 30 |

5. Given below is a line graph showing the number of accidents in a city during the given months of a certain year.

Identify the table for the given line graph.
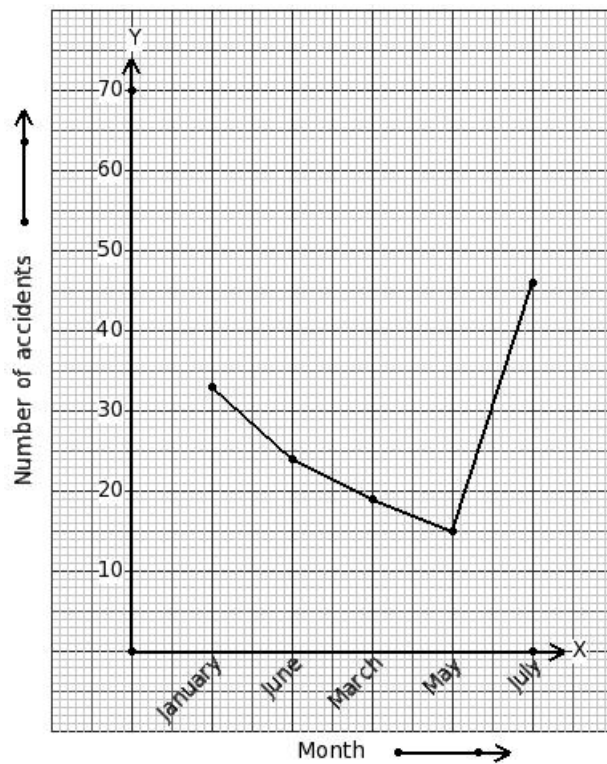
| | Month | January | June | March | May | July |
|---|---|---|---|---|---|---|
| (i) | Number of accidents | 33 | 24 | 27 | 15 | 46 |

| | Month | January | June | March | May | July |
|---|---|---|---|---|---|---|
| (ii) | Number of accidents | 33 | 31 | 19 | 15 | 46 |

| | Month | January | June | March | May | July |
|---|---|---|---|---|---|---|
| (iii) | Number of accidents | 33 | 24 | 19 | 15 | 46 |

| | Month | January | June | March | May | July |
|---|---|---|---|---|---|---|
| (iv) | Number of accidents | 33 | 24 | 19 | 23 | 46 |

| | Month | January | June | March | May | July |
|---|---|---|---|---|---|---|
| (v) | Number of accidents | 33 | 24 | 19 | 15 | 40 |

6. The number of T.V. sets sold by a shop in a certain week is given below. Identify the table for the given line graph.

(i)
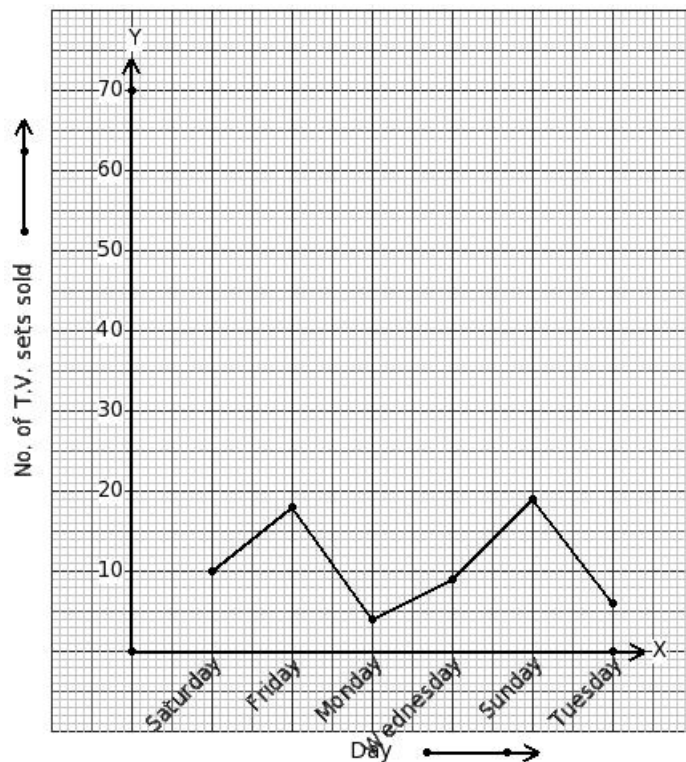
| Day | Saturday | Friday | Monday | Wednesday | Sunday | Tuesday |
|---|---|---|---|---|---|---|
| No. of T.V. sets sold | 10 | 18 | 4 | 9 | 25 | 6 |

(ii)

| Day | Saturday | Friday | Monday | Wednesday | Sunday | Tuesday |
|---|---|---|---|---|---|---|
| No. of T.V. sets sold | 10 | 18 | 4 | 1 | 19 | 6 |

(iii)

| Day | Saturday | Friday | Monday | Wednesday | Sunday | Tuesday |
|---|---|---|---|---|---|---|
| No. of T.V. sets sold | 10 | 11 | 4 | 9 | 19 | 6 |

(iv)

| Day | Saturday | Friday | Monday | Wednesday | Sunday | Tuesday |
|---|---|---|---|---|---|---|
| No. of T.V. sets sold | 10 | 18 | 4 | 9 | 19 | 6 |

7. The birth-rate per thousand of 5 countries over a period of time is shown below. Identify the table for the given line graph.

(i)
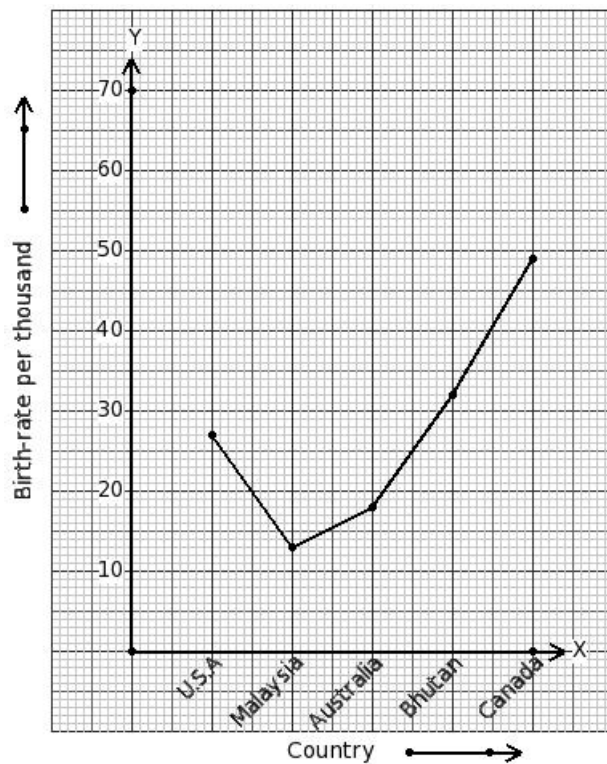
| Country | U.S.A | Malaysia | Australia | Bhutan | Canada |
|---|---|---|---|---|---|
| Birth–rate per thousand | 27 | 20 | 18 | 32 | 49 |

(ii)

| Country | U.S.A | Malaysia | Australia | Bhutan | Canada |
|---|---|---|---|---|---|
| Birth–rate per thousand | 27 | 13 | 25 | 32 | 49 |

(iii)

| Country | U.S.A | Malaysia | Australia | Bhutan | Canada |
|---|---|---|---|---|---|
| Birth–rate per thousand | 27 | 13 | 18 | 32 | 49 |

(iv)

| Country | U.S.A | Malaysia | Australia | Bhutan | Canada |
|---|---|---|---|---|---|
| Birth–rate per thousand | 27 | 13 | 18 | 32 | 43 |

(v)

| Country | U.S.A | Malaysia | Australia | Bhutan | Canada |
|---|---|---|---|---|---|
| Birth–rate per thousand | 27 | 13 | 18 | 25 | 49 |

8. The below graph gives a comparative account of sales(in Kg) of various fruits on a certain day.

Identify the table for the given line graph.

(i)
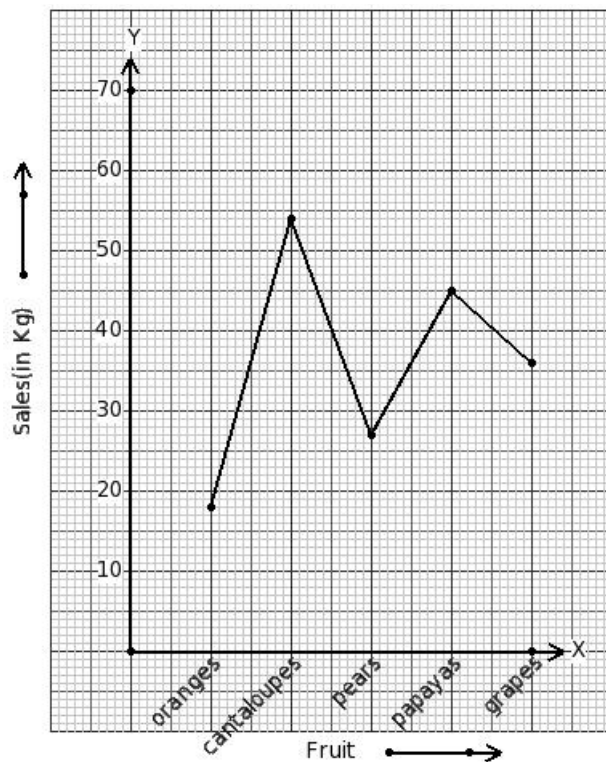
| Fruit | oranges | cantaloupes | pears | papayas | grapes |
|---|---|---|---|---|---|
| Sales(in Kg) | 18 | 54 | 27 | 38 | 36 |

(ii)

| Fruit | oranges | cantaloupes | pears | papayas | grapes |
|---|---|---|---|---|---|
| Sales(in Kg) | 18 | 48 | 27 | 45 | 36 |

(iii)

| Fruit | oranges | cantaloupes | pears | papayas | grapes |
|---|---|---|---|---|---|
| Sales(in Kg) | 18 | 54 | 27 | 45 | 42 |

(iv)

| Fruit | oranges | cantaloupes | pears | papayas | grapes |
|---|---|---|---|---|---|
| Sales(in Kg) | 18 | 54 | 27 | 45 | 36 |

(v)

| Fruit | oranges | cantaloupes | pears | papayas | grapes |
|---|---|---|---|---|---|
| Sales(in Kg) | 18 | 54 | 34 | 45 | 36 |

9. Population (in thousands) of men and women in a village in different years.

Identify the table for the given line graph.

(i)
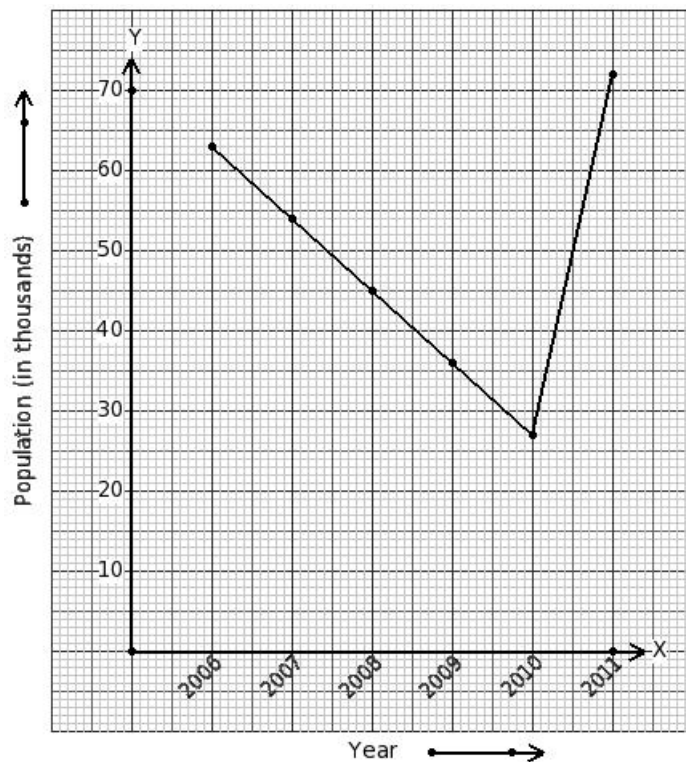
| Year | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|---|---|---|---|---|---|---|
| Population (in thousands) | 63 | 54 | 45 | 30 | 27 | 72 |

(ii)

| Year | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|---|---|---|---|---|---|---|
| Population (in thousands) | 63 | 54 | 45 | 36 | 33 | 72 |

(iii)

| Year | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|---|---|---|---|---|---|---|
| Population (in thousands) | 63 | 62 | 45 | 36 | 27 | 72 |

(iv)

| Year | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|---|---|---|---|---|---|---|
| Population (in thousands) | 63 | 54 | 52 | 36 | 27 | 72 |

(v)

| Year | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|---|---|---|---|---|---|---|
| Population (in thousands) | 63 | 54 | 45 | 36 | 27 | 72 |

10. Scores made by Vivek in 5 test matches are shown below.
Identify the table for the given line graph.

(i)
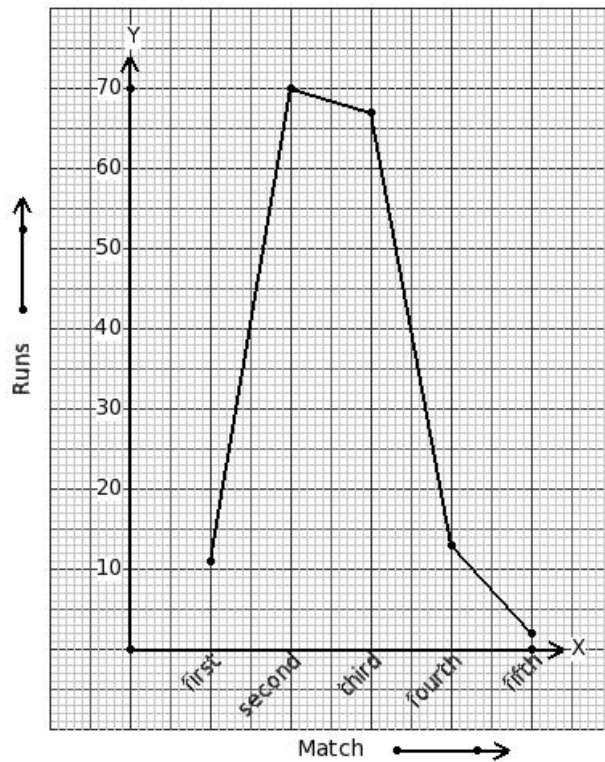
| Match | first | second | third | fourth | fifth |
|---|---|---|---|---|---|
| Runs | 11 | 70 | 67 | 19 | 2 |

(ii)

| Match | first | second | third | fourth | fifth |
|---|---|---|---|---|---|
| Runs | 11 | 70 | 75 | 13 | 2 |

(iii)

| Match | first | second | third | fourth | fifth |
|---|---|---|---|---|---|
| Runs | 11 | 76 | 67 | 13 | 2 |

(iv)

| Match | first | second | third | fourth | fifth |
|---|---|---|---|---|---|
| Runs | 11 | 70 | 67 | 13 | 6 |

(v)

| Match | first | second | third | fourth | fifth |
|---|---|---|---|---|---|
| Runs | 11 | 70 | 67 | 13 | 2 |

# Assignment Key

1) (ii)
2) (iii)
3) (iii)
4) (i)
5) (iii)
6) (iv)
7) (iii)
8) (iv)
9) (v)
10) (v)