

Drawing Conclusions from Data

Chapter 15: Data Through Pictures · Topic 2

Key Concept

After organising data into a table or graph, we can draw conclusions, like identifying the most popular choice or noticing if numbers are increasing or decreasing.

We can also use data to answer specific questions, like 'How many more students prefer cricket than football?' by comparing numbers.

Sometimes, we can make simple predictions based on data trends, like predicting that a popular activity will likely remain popular if nothing changes.

Learning to draw conclusions from data is a valuable skill, helping us think critically and make informed decisions based on evidence rather than guesses.

Quick Revision Notes

- We draw conclusions after organising data.
- We can identify the most popular choice from data.
- We can notice increasing or decreasing trends.
- Data helps answer specific questions through comparison.
- We can make simple predictions based on trends.
- This skill supports critical thinking.
- Conclusions should be based on evidence, not guesses.
- Data analysis helps with informed decision-making.

Practice Questions

- 1 Analyse a data set and identify the most popular choice.
- 2 Look for a trend in a data set you collect.
- 3 Answer a question by comparing two data categories.
- 4 Make a simple prediction based on a data trend.
- 5 Discuss why evidence-based conclusions matter.
- 6 Practice drawing conclusions from two more data sets.