

Sharing and Grouping Word Problems

Chapter 5: Sharing and Measuring · Topic 2

Key Concept

Sharing problems ask how much each person gets, like 'Share 45 sweets among 9 friends' ($45 \div 9 = 5$ each).

Grouping problems ask how many groups can be made, like 'How many groups of 5 can be made from 45 sweets?' ($45 \div 5 = 9$ groups).

Though both use division, sharing focuses on the amount per person, while grouping focuses on the number of groups formed.

Understanding the difference between sharing and grouping helps us interpret word problems correctly and choose the right approach.

Quick Revision Notes

- Sharing problems find the amount per person.
- Grouping problems find the number of groups.
- 45 sweets shared among 9 friends gives 5 each.
- 45 sweets grouped by 5 gives 9 groups.
- Both use division but ask different questions.
- Understanding the difference helps interpret problems.
- Sharing: divide by number of people.
- Grouping: divide by the group size.

Practice Questions

- 1 Solve: Share 32 pencils among 8 students.
- 2 Solve: How many groups of 4 in 32?
- 3 Write a sharing word problem and solve it.
- 4 Write a grouping word problem and solve it.
- 5 Explain the difference between sharing and grouping in your own words.
- 6 Solve three more sharing/grouping problems.