

Word Problems on Multiplication and Division

Chapter 9: Coconut Farm · Topic 1

Key Concept

A multiplication word problem might say, 'A factory packs 24 boxes with 15 items each. How many items in total?' We solve: $24 \times 15 = 360$.

A division word problem might say, 'A total of 360 items are packed into boxes of 15. How many boxes are needed?' We solve: $360 \div 15 = 24$.

Reading carefully to identify what is given and what is being asked helps us choose the correct operation for each word problem.

Practising both multiplication and division word problems together helps us see how the two operations are connected and used in different situations.

Quick Revision Notes

- Multiplication problems find totals from equal groups.
- 24 boxes with 15 items each gives 360 items total.
- Division problems find the number of groups or items per group.
- 360 items in boxes of 15 needs 24 boxes.
- Careful reading identifies the correct operation.
- Multiplication and division are connected operations.
- Practice builds confidence solving these problems.
- Real-life situations often need these operations.

Practice Questions

- 1 Solve: A shop has 30 shelves with 12 books each. How many books total?
- 2 Solve: 360 books are placed on shelves of 12. How many shelves?
- 3 Create your own multiplication word problem.
- 4 Create your own division word problem.
- 5 Explain how multiplication and division are connected.
- 6 Solve three more mixed word problems.