

Word Problems on Distance

Chapter 5: Far and Near · Topic 2

Key Concept

A word problem might say, 'A cyclist travels 15 km, rests, then travels another 12 km. What is the total distance?' We add: $15+12=27$ km.

Another problem might involve finding a remaining distance, like 'A journey is 100 km long, and 65 km have been travelled. How much remains?' We subtract: $100-65=35$ km.

Comparing distances might use subtraction too, like finding how much farther one route is compared to another.

Practising distance word problems connects maths to real journeys, helping us understand travel planning and distances in daily life.

Quick Revision Notes

- Distance problems can use addition for totals.
- $15 \text{ km} + 12 \text{ km} = 27 \text{ km}$ total.
- Distance problems can use subtraction for remaining distance.
- $100 \text{ km} - 65 \text{ km} = 35 \text{ km}$ remaining.
- Comparing distances often uses subtraction.
- These problems connect maths to real journeys.
- Understanding distances helps with travel planning.
- Careful reading identifies the correct operation.

Practice Questions

- 1 Solve: A car travels 45 km and 32 km more. What is the total distance?
- 2 Solve: A 200 km trip has 120 km left. How far has been travelled?
- 3 Create your own distance word problem.
- 4 Compare two distances using subtraction.
- 5 Discuss a real journey and calculate its distance if possible.
- 6 Solve three more distance word problems.