

Decimals in Real-Life Situations

Chapter 12: Another Peek Beyond the Point · Topic 2

Key Concept

Calculating a total bill, like adding ₹45.50 and ₹12.25, requires careful decimal addition with proper alignment: ₹45.50 + ₹12.25 = ₹57.75. Similarly, calculating change after a purchase, splitting a bill among friends, or converting between units (like cm to m) all rely on comfortable, accurate decimal arithmetic — making this a genuinely practical mathematical skill used throughout adult life, not just in the classroom.

Quick Revision Notes

- Decimals are essential for money (rupees/paise) and measurement (metres/centimetres) calculations.
- 100 paise = 1 rupee; 100 cm = 1 metre.
- Example: ₹45.50 + ₹12.25 = ₹57.75, using careful decimal alignment.
- Decimal skills are used throughout life for shopping, budgeting, and measurement.

Practice Questions

- 1 Calculate the total cost of 3 items priced at ₹15.50 each.
- 2 If you pay ₹100 for an item costing ₹67.25, calculate the change you should receive.
- 3 Convert 250 cm into metres using decimal notation.