Addition and Subtraction

Understanding the Topic

Sometimes in one question, we may need to add and subtract both We use addition to find the total or when things are put together We use subtraction to find what is left or how much more or less Reading carefully helps us understand whether to add, subtract, or do both

Steps to Solve Addition and Subtraction Problems

- Step 1: Read the question carefully
- Step 2: Find what needs to be added and what needs to be subtracted
- Step 3: Solve in the correct order first add or subtract as needed
- Step 4: Write the final answer with the correct unit
- Step 5: Check your answer to make sure it makes sense

Examples with Solutions

Example 1

Problem: A class had 345 boys and 289 girls. 154 students went on a trip. How many students stayed back?

Solution:

First, find total students = 345 + 289 = 634

Then, subtract students who went = 634 - 154 = 480

Answer: 480 students stayed back

Example 2

Problem: A shopkeeper bought 500 candies. He sold 275 in the morning and 125 in the evening. How many candies are left?

Solution:

Total sold = 275 + 125 = 400

Candies left = 500 - 400 = 100

Answer: 100 candies are left

Example 3

Problem: A train had 1234 passengers. At one station, 456 passengers got off and 215 new passengers got on. How many passengers were there after that?

Solution:

Passengers after getting off = 1234 – 456 = 778

Passengers after new ones got on = 778 + 215 = 993

Answer: 993 passengers were there after that

Example 4

Problem: Rina saved ₹1250. She bought a bag for ₹475 and a dress for ₹325. How much money is left with her?

Solution:

Total spent = 475 + 325 = 800

Money left = 1250 - 800 = 450

Answer: ₹450 is left with Rina

Example 5

Problem: There were 980 apples. 312 apples were used to make juice, and 154 were sold. How many apples are still there?

Solution:

Total used and sold = 312 + 154 = 466

Apples left = 980 - 466 = 514

Answer: 514 apples are still there

Summary Points

- Use addition to find totals and subtraction to find what is left or fewer
- In some questions, we need to add first, then subtract, or the opposite
- Always read the question carefully to know what to do
- Do calculations step by step to avoid mistakes
- Use correct units in the final answer like rupees, apples, or students