

Addition of Two-Digit Numbers

Chapter 3: Fun with Numbers · Topic 1

Key Concept

To add two-digit numbers, we add the ones digits first, then add the tens digits. For $23 + 45$: ones are $3+5=8$, tens are $2+4=6$, giving us 68.

Sometimes, adding the ones digits gives a number more than 9, and we need to carry over to the tens place - for example, $27 + 15$: ones are $7+5=12$, so we write 2 and carry 1 to the tens, making tens $2+1+1=4$, giving us 42.

Using objects, a number line, or place value blocks can help us understand and check our addition, especially when we are learning to carry over.

Practising two-digit addition helps us solve real problems, like adding the number of students in two classes or adding the cost of two items while shopping.

Quick Revision Notes

- Add ones digits first, then tens digits.
- $23 + 45 = 68$ (ones: $3+5=8$, tens: $2+4=6$).
- Sometimes we need to carry over to the tens place.
- $27 + 15 = 42$, carrying over from the ones place.
- Objects or number lines can help check addition.
- Carrying happens when ones digits add to more than 9.
- Two-digit addition helps solve real-life problems.
- Practice makes carrying over easier to understand.

Practice Questions

- 1 Solve: $34 + 22 = ?$
- 2 Solve: $48 + 27 = ?$ (needs carrying)
- 3 Use objects to add two two-digit numbers.
- 4 Create your own two-digit addition problem.
- 5 Add the ages of two family members.
- 6 Practice five two-digit addition sums.