

Addition of 3-Digit Numbers

Chapter 2: Toy Joy · Topic 1

Key Concept

To add 3-digit numbers, we add ones first, then tens, then hundreds. For $245 + 132$: ones are $5+2=7$, tens are $4+3=7$, hundreds are $2+1=3$, giving 377.

Sometimes we need to carry over, like adding ones digits that total more than 9, carrying 1 to the tens place, and this can also happen from tens to hundreds.

For example, $267 + 158$: ones are $7+8=15$ (write 5, carry 1), tens are $6+5+1=12$ (write 2, carry 1), hundreds are $2+1+1=4$, giving 425.

Practising 3-digit addition with and without carrying helps us become confident with bigger addition problems we will face in daily life and future maths.

Quick Revision Notes

- Add ones first, then tens, then hundreds.
- $245 + 132 = 377$ (no carrying needed).
- Carrying happens when a place value totals more than 9.
- $267 + 158 = 425$, with carrying in both ones and tens.
- Carrying can move from ones to tens to hundreds.
- Practice builds confidence with bigger addition.
- 3-digit addition is used in daily life for larger totals.
- Checking work helps catch addition mistakes.

Practice Questions

- 1 Solve: $324 + 215 = ?$
- 2 Solve: $178 + 246 = ?$ (needs carrying)
- 3 Create your own 3-digit addition problem.
- 4 Use place value blocks to add two 3-digit numbers.
- 5 Check your addition answer by adding in a different order.
- 6 Practice five 3-digit addition sums.