

Addition and Subtraction (3-digit)

Chapter 2: Addition and Subtraction (3-digit) · Topic 1

Key Concept

When adding 3-digit numbers, we add ones first, then tens, then hundreds, regrouping (carrying) when a column totals 10 or more.

For example, adding $456 + 278$, we add ones ($6+8=14$, write 4 carry 1), then tens ($5+7+1=13$, write 3 carry 1), then hundreds ($4+2+1=7$), giving 734.

When subtracting, we subtract ones first, then tens, then hundreds, borrowing from the next column when needed.

Practising 3-digit addition and subtraction with regrouping helps us solve more complex maths problems confidently.

Quick Revision Notes

- We add or subtract ones, then tens, then hundreds.
- We regroup (carry) when a column totals 10 or more.
- $456 + 278 = 734$ using regrouping.
- Subtraction uses borrowing when needed.
- We borrow from the next column if a digit is too small.
- Practice builds confidence with larger numbers.
- This skill extends 2-digit regrouping.
- 3-digit maths needs careful step-by-step work.

Practice Questions

- 1 Solve: $456 + 278 = ?$
- 2 Solve: $623 - 258 = ?$
- 3 Solve: $389 + 245 = ?$
- 4 Solve: $700 - 356 = ?$
- 5 Explain the steps for adding 3-digit numbers.
- 6 Practice five 3-digit addition and subtraction problems.