

CAMS & STAMS O N L I N E



Practice and application with *Solve Series*

Give students the practice they need to master the 16 fundamental maths concepts and skills. The **Solve Series** focuses on both conceptual understanding and computational fluency.

Multiple-choice, short-response and extended-response problems require increasing levels of higher-order thinking.

Cumulative reviews tie related concepts together.

Supportive teacher guides include answer analysis and make it easy to assign, correct and review.

16 FUNDAMENTAL SKILLS AND CONCEPTS: LEVELS A–H

Level A (Years 1–2)

- Understand addition and subtraction
- Fact families
- Make tens to add and subtract
- Solve word problems
- Add three numbers
- Count to 100
- Place value
- Compare numbers
- Add and subtract ten
- Add 2-digit numbers
- Subtract tens
- Shapes
- Equal parts
- Length
- Time
- Data

Level B (Years 2–3)

- Counting patterns
- Place value
- Compare numbers
- Mental maths
- Addition strategies
- Subtraction strategies
- Solve word problems
- Add and subtract to 1000
- Arrays
- Equal parts of shapes
- Length
- Add and subtract length
- Time
- Money
- Data and dot plots
- Graphs

Level C (Years 3–4)

- Place value
- Add and subtract
- Multiplication concepts
- Fact strategies
- More fact strategies
- Division concepts
- Fact families
- Fraction concepts
- Model equivalent fractions
- Benchmark fractions
- Compare fractions
- Fractions greater than 1
- Plane figures
- Length
- Perimeter
- Picture graphs and column graphs

Level D (Years 4–5)

- Multiplication properties
- Multiply mentally
- Multiply by 1-digit numbers
- Multiply by 2-digit numbers
- Relate division to multiplication
- Divide without regrouping
- Divide with regrouping
- Equivalent fractions
- Simplify fractions
- Decimal place value
- Compare and order decimals
- Relate decimals to fractions
- Angles
- Understand area
- Area of rectangles
- Dot plots

Level E (Years 5–6)

- Multiply 3-digit numbers
- Divide mentally
- Estimate quotients
- 1-digit divisors
- Zeros in the quotient
- 2-digit divisors
- Understand mixed numbers
- Add and subtract like fractions
- Compare related and unlike fractions
- Add and subtract related fractions
- Add and subtract mixed numbers
- Add and subtract decimals
- Area
- Surface area
- Understand volume
- Line graphs

Level F (Years 6–7)

- Multiply whole numbers by fractions
- Multiply fractions
- Divide whole numbers by fractions
- Divide fractions by fractions
- Multiply and divide by powers of ten
- Multiply decimals
- Divide decimals by whole numbers
- Divide by decimals
- Understand ratios
- Understand percentage
- Unit rates
- Ratios in tables of data
- Solve equations using number sense
- Solve equations using inverse operations
- Use formulas
- Volume

Level G (Years 7–8)

- Understand integers
- Add and subtract integers
- Multiply and divide integers
- Evaluate expressions
- Solve linear equations
- Equations with rational numbers
- Proportional relationships
- Solve proportions
- Rate problems
- Percentage as a ratio
- Percentage problems
- Similarity
- Circles
- Cylinders
- Pie charts
- Theoretical probability

Level H (Years 8–9)

- Exponents
- Square roots
- Solve two-step equations
- Two-step equations with rational numbers
- Linear and nonlinear equations
- Gradient
- Graph linear equations
- Solve sets of simultaneous equations graphically
- Solve sets of simultaneous equations algebraically
- Special pairs of angles
- Angle sums
- Triangle similarity
- Pythagorean theorem
- Distance formula
- Mean, median, range
- Scatter plots