

MATH · YEAR 6

SATs Maths Revision Checklist

Self-assess every skill on the KS2 SATs

Arithmetic Paper

- Add and subtract whole numbers (4-digit and beyond)
- Long multiplication (3 or 4 digit by 2 digit)
- Long division (4 digit by 2 digit)
- Add and subtract fractions with different denominators
- Divide fractions by whole numbers
- Add and subtract decimals
- Find percentages of amounts (10%, 25%, 50%, 75%)
- Square numbers and cube numbers
- Multiply 2-digit by 2-digit numbers (mental)
- Short division (4 or 5 digit by 1 digit)
- Add and subtract fractions with common denominators
- Multiply fractions
- Convert fractions to decimals
- Multiply decimals (1dp and 2dp)
- Use BIDMAS / order of operations
- Roman numerals up to 1000

Reasoning Papers (1 and 2)

- Read and understand multi-step word problems
- Solve missing-number problems (find the start)
- Calculate fraction-of-amount
- Use bar models to represent problems
- Solve ratio and proportion problems
- Calculate percentage-of-amount



- Solve money problems (with change)
- Calculate perimeter of compound shapes
- Calculate volume of cuboids
- Read and interpret pie charts
- Recognise types of triangles and quadrilaterals
- Translate and reflect shapes on coordinate grids
- Solve time problems (24-hour clock, durations)
- Calculate area of compound shapes
- Read and interpret line graphs
- Calculate mean (average)
- Find missing angles
- Use formulae for area and perimeter

How to use this checklist

Work through each section honestly. Mark each item as confident, needs practice, or not yet. Pick the 3 'not yet' items most likely to appear on the paper and start there. Use the matching SATs Arithmetic and Reasoning packs to revise. Re-do this checklist 2 weeks before SATs to track progress.

