



Year 5



Number/Calculation

1. Secure place value to 1 000 000, including counting forwards and back
2. Use negative whole numbers in context, counting through 0
3. Round numbers up to 1000 000 and use this to check answers
4. Read Roman numerals to 1000 (M) and years written in Roman numerals
5. Use standard written methods for all four operations
6. Confidently add & subtract mentally with large numbers
7. + and - up to 4 digits, multiply 4 digits by 2 digits
8. Use long multiplication for 2 digit numbers, short multiplication for $4\text{ d} \div 1\text{ d}$
9. \times and \div decimals by 10, 100, 1000
10. Use vocabulary of and identify prime, factor and multiple
11. Use square and cube numbers

Geometry & Measures

12. Convert between different units metric and imperial and time
13. Calculate perimeter of composite shapes & area of rectangles
14. Calculate area of rectangles
15. Estimate volume & capacity
16. identify 3-d shapes
17. Measure and identify angles
18. Understand regular polygons and find missing lengths and angles
19. Reflect & translate shapes

Fractions

20. Compare and order fractions with denominators of the same multiple
21. Add & subtract fractions with common denominators and with mixed numbers
22. Identify equivalent fractions
23. + and - fractions with the same denominator/multiple of denominator
24. Multiply fractions and mixed numbers by units
25. Use thousandths
26. Write decimals as fractions, including fifths, tenths and 25ths
27. Order & round decimal numbers to 2 decimal places and 3 decimal places
28. Link percentages to fractions and decimals, including fifths, tenths and 25ths

Data

29. Interpret tables & line graphs
30. Solve multi-step problems for the above