

## Number and Place Value

| 1. Read, write, order and compare numbers to at least $1,000,000$ and <br> determine the value of each digit. |  |  |  |  |
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| 2. Count forwards or backwards in steps of powers of 10 for any given <br> number up to 1,000,000. |  |  |  |  |
| 3. Interpret negative numbers in context, count forwards and <br> backwards with positive and negative whole numbers, including through <br> 0. |  |  |  |  |
| 4. Round any number up to 1,000,000 to the nearest 10,100,1,000, <br> 10,000 and 100,000. |  |  |  |  |
| 5. Solve number problems and practical problems that involve all of the <br> above. |  |  |  |  |
| 6. Read Roman numerals to 1,000 (M) and recognise years written in <br> Roman numerals. |  |  |  |  |

## Addition and Subtraction

| 7. Add and subtract whole numbers with more than 4 digits, including <br> using formal written methods (columnar addition and subtraction). |  |  |  |  |
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| 8. Add and subtract numbers mentally with increasingly large numbers. |  |  |  |  |
| 9. Use rounding to check answers to calculations and determine, in the <br> context of a problem, levels of accuracy. |  |  |  |  |
| 10. Solve addition and subtraction multi-step problems in contexts, <br> deciding which operations and methods to use and why. |  |  |  |  |

## Multiplication and Division

| 11. Identify multiples and factors, including finding all factor pairs of a <br> number, and common factors of 2 numbers. |  |  |  |  |
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| 12. Know and use the vocabulary of prime numbers, prime factors and <br> composite (non-prime) numbers. |  |  |  |  |
| 13. Establish whether a number up to 100 is prime and recall prime <br> numbers up to 19. |  |  |  |  |
| 14. Multiply numbers up to 4 digits by a one or two digit number using a <br> formal written method, including long multiplication for two digit <br> numbers. |  |  |  |  |

## Fractions



## Measurement

| 34. Convert between different units of metric measure (e.g., kilometre <br> and metre; centimetre and metre; centimetre and millimetre; gram and <br> kilogram; litre and millilitre). |  |  |  |  |
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| 35. Understand and use approximate equivalences between metric units <br> and common imperial units such as inches, pounds and pints. |  |  |  |  |



Position and Direction
49. Identify: describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.


## Statistics

50. Solve comparison, sum and difference problems using information presented in a line graph.
51. Complete, read and interpret information in tables, including timetables.

