

Core mathematics skills

Addition and Subtraction

| Year 1 Unit | Unit title and content |
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| 5 | We can add two one-digit numbers and a one-digit number to a two-digit number |
| 6a | We can take away one-digit numbers from each other and from simple two-digit numbers We can find the difference between two one-digit numbers |
| 6b | We can recall and use numbers bonds to 20 |
| 7 | We can halve and double numbers We can solve a problem or puzzle using adding or subtracting |
| 8 | We can talk about how we solve problems using adding and subtracting |
| 10 | We can use the (=) sign |
| 13 | We can add a multiple of 10 (20,30,40 etc) to a one-digit number |
| 14 | We can work out the difference between two two-digit numbers |

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| 15 | We can add 10, 20, 30, ... to any number up to 50 |
| Year 2 Unit | |
| 6 | We can add and subtract some numbers in our head Numbers to 10 and 20 Using jottings |
| 7 | We know that addition and subtraction 'undo' each other We can write related number sentences Inverse operations |
| 12 | We can add and subtract multiples of 10 in our head We can find different ways to build a number |
| 14 | We can use partitioning to help us to carry out calculations Recording informally |
| 16a | We can add and subtract two-digit numbers using practical equipment including a number line We can add and subtract in our head Addition can be done in any order, subtraction cannot |
| 16b | We can add and subtract two-digit numbers in columns, without exchange |

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| 17 | We can work out the missing number in a number sentence |
| Year 3 Unit | |
| 3 | We know the sum and difference of any pair of numbers to 20 We can add and subtract multiples of 10 or 100 in our head |
| 4 | We can add and subtract one-digit and two-digit numbers in our heads |
| 5 | We can explain how we add and subtract numbers in our heads |
| 7 | We can estimate a sum or difference before calculating |
| 8 | We can add and subtract multiples of 10 or 100 in our heads We know number pairs that total 100 |
| 11 | We can solve a problem by writing down what calculation we should do We can use a number line to calculate |
| 12a | We can add and subtract numbers using an empty number line We can add and subtract numbers using partitioning |
| 12b | We can add numbers using the expanded column method |

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| 12c | We can subtract numbers using the expanded column method |
| 12d | We can subtract numbers using the expanded column method and partitioning with exchange |
| Year 4 Unit | |
| 3 | We can work out sums and differences of multiples of 100 or 1000 |
| 10 | We can add and subtract mentally pairs of two-digit numbers and find a difference by counting on. We can make jottings to support mental calculations |
| 11a | We can explain each step when we write addition calculations in columns using the expanded method |
| 11b | We can add numbers using the formal (efficient) written method |
| 11c | We can explain each step when we write subtraction calculations in columns using the expanded method |
| 11d | We can subtract numbers using the formal (efficient) written method |
| Year 5 | |
| 4a | We can explain each step when we write addition calculations in columns using the compact method |
| 4b | We can explain each step when we write addition calculations in columns using the compact method with whole numbers and decimals with up to two places |
| 5a | We can explain each step when we write subtraction calculations in columns using the compact method |

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| 5b | We can explain each step when we write subtraction calculations in columns using the compact method with whole numbers and up to two places of decimals |
| Year 6 Unit | |
| 1 | We can find the difference between positive and negative numbers |