|  |  |
| --- | --- |
| **[Hayward's Primary School](https://www.haywards.org/)Addition and Subtraction**  ***Derive and Recall***  **Key Stage 1** | |
| Number pairs with a total of 10, e.g. 3 + 7, **or** what to add to a single-digit number to make 10, e.g. 3 +? = 10 |  |
| Addition facts for totals to at least 5, e.g. 2 + 3, 1 + 3 |  |
| Addition doubles for all numbers to at least 10,  e.g. 8 + 8 |  |
| Addition and subtraction facts for all numbers up to at least 10, e.g. 3 + 4, 8 – 5 |  |
| Number pairs with totals to 20, e.g. 14 + 6, 9 + 11 |  |
| All pairs of multiples of 10 with totals up to 100, e.g. 30 + 70, or 60 +? = 100 |  |
| What must be added to any two-digit number to make the next multiple of 10, e.g. 52 +? = 60 |  |
| Addition doubles for all numbers to 20, e.g. 17 + 17 and multiples of 10 to 50, e.g. 40 + 40 |  |

|  |  |
| --- | --- |
| **[Hayward's Primary School](https://www.haywards.org/)Addition and Subtraction**  ***Derive and Recall***  **Key Stage 1** | |
| Number pairs with a total of 10, e.g. 3 + 7, **or** what to add to a single-digit number to make 10, e.g. 3 +? = 10 |  |
| Addition facts for totals to at least 5, e.g. 2 + 3, 1 + 3 |  |
| Addition doubles for all numbers to at least 10,  e.g. 8 + 8 |  |
| Addition and subtraction facts for all numbers up to at least 10, e.g. 3 + 4, 8 – 5 |  |
| Number pairs with totals to 20, e.g. 14 + 6, 9 + 11 |  |
| All pairs of multiples of 10 with totals up to 100, e.g. 30 + 70, or 60 +? = 100 |  |
| What must be added to any two-digit number to make the next multiple of 10, e.g. 52 +? = 60 |  |
| Addition doubles for all numbers to 20, e.g. 17 + 17 and multiples of 10 to 50, e.g. 40 + 40 |  |

|  |  |
| --- | --- |
| **[Hayward's Primary School](https://www.haywards.org/)Addition and Subtraction**  ***Derive and Recall***  **Lower Key Stage 2** | |
| Addition and subtraction facts for all numbers to 20, e.g. 9 + 8, 17 – 9, drawing on knowledge of inverse operations |  |
| Sums and differences of multiples of 10, e.g. 50 + 80, 120 – 90, 70 + 60 |  |
| Pairs of two-digit numbers with a total of 100, e.g. 32 + 68, or 32 +? = 100 |  |
| Addition doubles for multiples of 10 to 100, e.g. 90 + 90 |  |
| Sums and differences of pairs of multiples of 10, 100 or 1000 |  |
| Addition doubles of numbers 1 to 100, e.g. 38 + 38, and the corresponding halves |  |
| What must be added to any three-digit number to make the next multiple of 100, e.g. 521 +? = 600 |  |
| Pairs of fractions that total 1 |  |

|  |  |
| --- | --- |
| **[Hayward's Primary School](https://www.haywards.org/)Addition and Subtraction**  ***Derive and Recall***  **Lower Key Stage 2** | |
| Addition and subtraction facts for all numbers to 20, e.g. 9 + 8, 17 – 9, drawing on knowledge of inverse operations |  |
| Sums and differences of multiples of 10, e.g. 50 + 80, 120 – 90, 70 + 60 |  |
| Pairs of two-digit numbers with a total of 100, e.g. 32 + 68, or 32 +? = 100 |  |
| Addition doubles for multiples of 10 to 100, e.g. 90 + 90 |  |
| Sums and differences of pairs of multiples of 10, 100 or 1000 |  |
| Addition doubles of numbers 1 to 100, e.g. 38 + 38, and the corresponding halves |  |
| What must be added to any three-digit number to make the next multiple of 100, e.g. 521 +? = 600 |  |
| Pairs of fractions that total 1 |  |

|  |  |
| --- | --- |
| **[Hayward's Primary School](https://www.haywards.org/)Addition and Subtraction**  ***Derive and Recall***  **Upper Key Stage 2** | |
| Sums and differences of decimals, e.g. 6.5 + 2.7, 7.8 – 1.3 |  |
| Doubles and halves of decimals, e.g. half of 5.6, double 3.4 |  |
| What must be added to any four-digit number to make the next multiple of 1000, e.g. 4087 +? = 5000 |  |
| What must be added to a decimal with ones and tenths to make the next whole number, e.g. 7.2 +? = 8 |  |
| Addition and subtraction facts for multiples of 10 to 1000 e.g. 650 +? = 930 |  |
| Decimal number bonds with one decimal place, e.g.? – 1.4 = 2.5, 3.4 + 6.2 = 9.6 |  |
| What must be added to a decimal with ones, tenths and hundredths to make the next whole number, e.g. 7.26 +? = 8 |  |
|  |

|  |  |
| --- | --- |
| **[Hayward's Primary School](https://www.haywards.org/)Addition and Subtraction**  ***Derive and Recall***  **Upper Key Stage 2** | |
| Sums and differences of decimals, e.g. 6.5 + 2.7, 7.8 – 1.3 |  |
| Doubles and halves of decimals, e.g. half of 5.6, double 3.4 |  |
| What must be added to any four-digit number to make the next multiple of 1000, e.g. 4087 +? = 5000 |  |
| What must be added to a decimal with ones and tenths to make the next whole number, e.g. 7.2 +? = 8 |  |
| Addition and subtraction facts for multiples of 10 to 1000 e.g. 650 +? = 930 |  |
| Decimal number bonds with one decimal place, e.g.? – 1.4 = 2.5, 3.4 + 6.2 = 9.6 |  |
| What must be added to a decimal with ones, tenths and hundredths to make the next whole number, e.g. 7.26 +? = 8 |  |
|  |