# KEY INSTANT RECALL FACTS

| | EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
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| **Autumn 1** | I can say the numbers from 0 to 5 and back from 5 to 0 in order | I can read and write numbers 1-10 in numerals and words | I know number bonds for each number to 20 | I know number bonds to 100 | I know multiplication and division facts for the 6 times table | I can round numbers to 1 million to the nearest 10, 100 and 1,000 | I can count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000 |
| **Autumn 2** | I can say the numbers from 0 to 10 and back from 10 to 0 in order | I know number bonds to 10 | I can count, read and write numbers to 100 in numerals and words | I can count in multiples of 50 and 100 | I know multiplication and division facts for the 9 and 11 times table | I know the multiplication and division facts for all times tables up to 12 × 12 | I can identify common factors of a pair of numbers |
| **Spring 1** | I can partition numbers, to 5, into two groups | I can compare numbers to 10 using < > and = | I know multiplication and division facts for the 2 times tables | I can find 10 or 100 more or less than a given number | I know multiplication and division facts for the 7 times tables | I can identify prime numbers up to 50 | I can find fractions of amounts. |
| **Spring 2** | I can say which number is one more or one less than a given number to 20 | I can count in 2s and know doubles and halves to 10. | I know multiplication and division facts for the 10 times table | I know multiplication and division facts for the 3 times table | I know multiplication and division facts for the 12 times table | I can recall square numbers and their square roots | I know common fraction, decimal and percentage equivalences |
| **Summer 1** | I can count, read and write numbers to 20 | I can make and talk about simple arrays. | I know multiplication and division facts for the 5 times table | I know multiplication and division facts for the 4 times table | I know the multiplication and division facts for all times tables up to 12 × 12 | I know the first five cube numbers | I can divide and multiply by 10, 100 and 1,000 |
| **Summer 2** | I can say the numbers from 0 to 20 and back from 20 to 0 in order | I can find ¼ and ½ of a quantity. | I know doubles and halves of numbers to 20. | I know multiplication and division facts for the 8 times table | I can identify equivalent fractions | I can convert between proper fractions and improper fractions. | I can find percentages of amounts. |

- KIRFs (Key Instant Recall Facts) are designed to support the development of the mental fluency skills that underpin much of the mathematics curriculum. They are particularly useful when calculating, be it adding, subtracting, multiplying or dividing.
- Each year group is allocated up to six facts to focus on throughout the year, in line with the National Curriculum and age-related expectations. Time is to be dedicated throughout the week, possibly in smaller, regular bursts, as well as at home, to ensure that the KIRF is practiced and learnt so that children grow in confidence to recall their facts instantly.
- Instant recall of facts helps enormously with mental agility in mathematics; when children move onto written calculations and abstract methods, knowing these key facts is crucial. For children to become more efficient in recalling them easily, they need to be practised frequently and in short bursts.