



## Key Instant Recall Facts Year 5

### Counting and Place Value

- Count forwards and backwards from any given number, in any steps, crossing boundaries (including negative numbers).
- Count forwards and backwards in steps of powers of 10 (10, 100, 1000 etc) for any given number up to 1,000,000.
- Count forwards and backwards through zero.
- Understand the value of hundred thousands, ten thousands, thousands, hundreds, tens and ones.
- Understand the value of tenths, hundredths and thousandths.

### Multiplication and Division Facts

- Continue to rehearse all multiplication and division facts up to 12 x 12.
- Recall prime numbers up to 19.
- Recognise and use square numbers and cube numbers.

### Number Bonds

- Know all addition and subtraction facts for decimals which total one (one decimal place, e.g. 0.6 + 0.4).
- Know all addition and subtraction facts for decimals which total ten (one decimal place, e.g. 5.6 + 4.4).
- Find all factor pairs of a number.

Factor – a number that when multiplied with another produces a given number.

### Doubling and Halving

- Know doubles and halves of all whole numbers to 100.
- Know doubles and halves of all multiples of 10 to 1000.
- Know doubles and halves of all multiples of 100 to 10,000.
- Know the doubles and halves of all two-digit numbers.

### Addition and Subtraction

- Add and subtract numbers mentally with increasingly large numbers.

### Measures

- Read and write Roman numeral to 1000.
- Know the relationship between:
  - mm and cm
  - ml and l
  - g and kg
- Know the angles of a triangle.