

# Master Reading and Writing Numbers to 1,000,000

## Rationale

In this step, pupils will build on their knowledge of reading and writing numbers to 10,000 from Year 4 to read and write 5 and 6-digit numbers to 1,000,000 in words and numerals, supported by representations. They will read the numbers from left to right in groups of three, using 'and' where required.

*Pupils will place commas following the thousands and they will use hyphens between the tens and ones, and between the ten thousands and thousands.*



## Key Stem Sentences

- \_\_\_ in words is \_\_\_\_\_.
- \_\_\_\_\_ in numerals is \_\_\_



## Key Vocabulary

- one / two / three / four / five / six / seven / eight / nine / ten / eleven / twelve / thirteen / fifteen / twenty / thirty / forty / fifty / sixty / seventy / eighty / ninety / hundred / thousand
- teen



## Common Errors or Misconceptions

- Pupils may omit the comma between the thousands and hundreds digits.
- Pupils may omit hyphens between tens and ones.
- Pupils may omit the word 'and' when writing numbers in words.



## Key Representations

### Number Grid

3	6	thousand	5	hundred	and	2	4
---	---	----------	---	---------	-----	---	---

Thirty-six thousand, five hundred and twenty-four in numerals is 36,524

9	hundred	and	7	2	thousand	6	hundred	and	1	0
---	---------	-----	---	---	----------	---	---------	-----	---	---

972,610 in words is nine hundred and seventy-two thousand, six hundred and ten.

8	0	thousand	0	and	1	3
---	---	----------	---	-----	---	---

Eight thousand and thirteen in numerals is 80,013

5	hundred	0	0	thousand	0	and	0	6
---	---------	---	---	----------	---	-----	---	---

500,006 in words is five hundred thousand and six.



## Pupils will FLOURISH if they can...

- accurately read and write the numbers 1 to 1,000,000 in numerals.
- accurately read and write the numbers 1 to 1,000,000 in words.
- begin to explain their understanding using their own words and representations.

