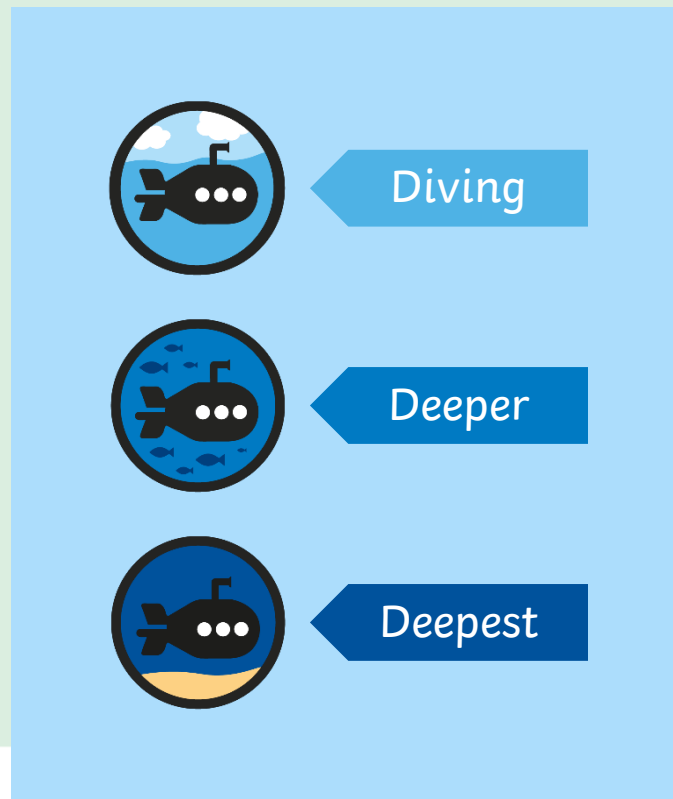




# Read and Write Numbers to 10 000 000

# Diving into Mastery Guidance for Educators

Each activity sheet is split into three sections, diving, deeper and deepest, which are represented by the following icons:



These carefully designed activities take your children through a learning journey, initially ensuring they are fluent with the key concept being taught; then applying this to a range of reasoning and problem-solving activities.

These sheets might not necessarily be used in a linear way. Some children might begin at the 'Deeper' section and in fact, others may 'dive straight in' to the 'Deepest' section if they have already mastered the skill and are applying this to show their depth of understanding.

# National Curriculum Aim

- Read and write numbers up to 10 000 000 and determine the value of each digit



Write these numbers in numerals.

five and a  
half million

**5 500 000**

two million,  
six hundred  
and one  
thousand and  
twenty-one

**2 601 021**

three million,  
seventeen  
thousand,  
four hundred  
and eighty.

**3 017 480**

Write these numbers in words.

**2 703 045**

**two million, seven  
hundred and three  
thousand and forty-five**

**8 082 154**

**eight million, eighty-two  
thousand, one hundred  
and fifty-four**

**3 210 033**

**three million, two  
hundred and ten  
thousand and thirty-three**



Write the number represented on the place value chart in numerals and words.

M	H	T	O	H	T	O
●		● ● ● ● ● ●	● ●	● ● ●		● ● ● ● ● ● ●

1 062 307

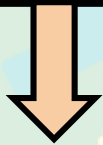
one million, sixty-two thousand,  
three hundred and seven



Which is the odd one out? Prove it.  
Can you give three different answers?

A

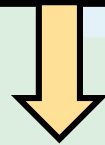
2 580 610



**A is the only number  
with an odd tens  
digit.**

B

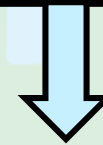
2 570 620



**B is the only number  
that when you add  
the millions digit and  
the hundred  
thousands digit, it  
equals the tens of  
thousands digit.**

C

2 470 240

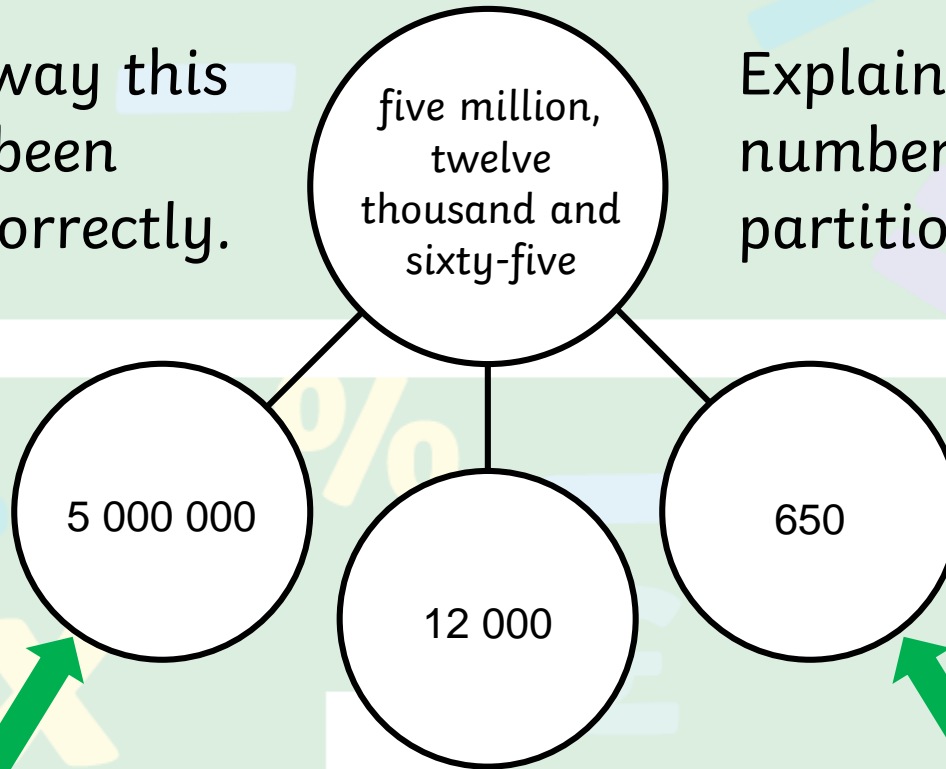


**C is the only number  
with a hundred  
thousands digit of 4.**



Explain one way this number has been partitioned correctly.

Explain one way this number has been partitioned incorrectly.



**The millions and thousands are partitioned correctly.**

**This should be 65.**



Write six different 7-digit numbers using each word no more than once.  
You do not need to use all the words for each number.  
Then, write each number in numerals.

hundred

eight

four

two

thousand

and

million

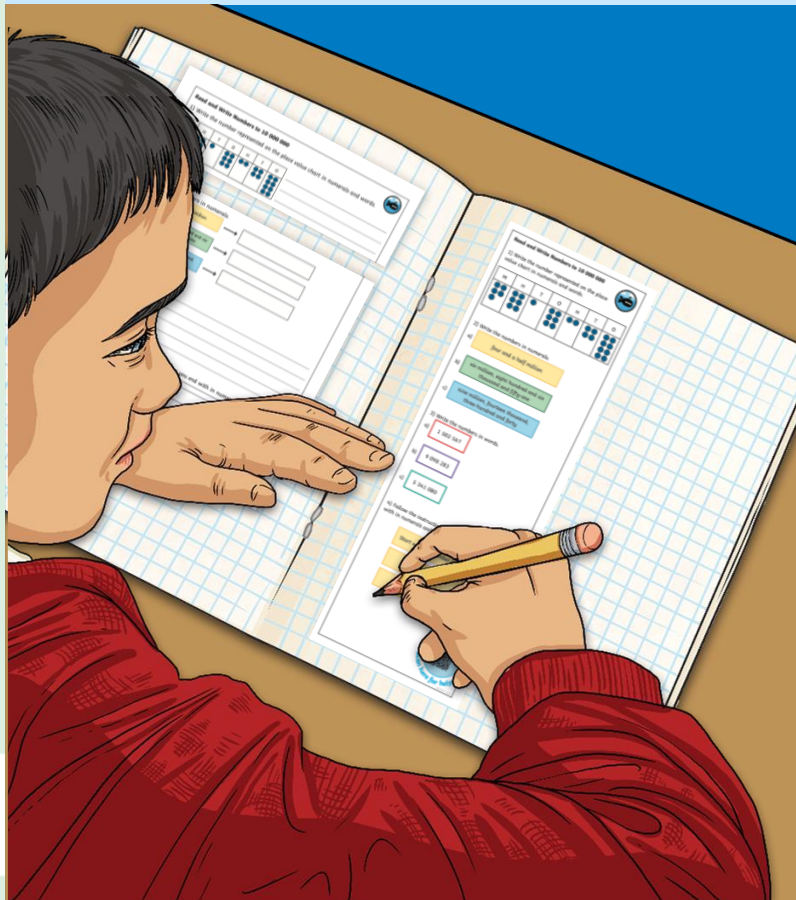
**There are many possible answers. For example:**  
**eight million, four hundred thousand and two, 8 400 002**  
**two million, eight thousand and four, 2 008 004**  
**four million, eight hundred and two, 4 000 802**



# Read and Write Numbers to 10 000 000



Dive in by completing your own activity!



### Read and Write Numbers to 10 000 000

1) Write the number represented on the place value chart in numerals and words.

M	H	T	O	H	T	O
4	1	0	0	0	0	0

2) Write the number in words.

a) four and a half million

b) six million, eight hundred and six thousand and fifty-one

c) nine million, fourteen thousand, three-hundred and forty

3) Write the number in numerals.

a) 1 502 567

b) 9 098 283

c) 5 341 080

4) Follow the instructions. Write the number you end with in numerals and words.

Start with the number 6 035 692.

Add 40 000.

Subtract 2000.

### Read and Write Numbers to 10 000 000

1) Write the number represented on the place value chart in numerals and words.

M	H	T	O	H	T	O
6	8	0	6	0	0	0

2) Write the numbers in numerals.

a) four and a half million

b) six million, eight hundred and six thousand and fifty-one

c) nine million, fourteen thousand, three-hundred and forty

3) Write the numbers in words.

a) 1 502 567

b) 9 098 283

c) 5 341 080

4) Follow the instructions. Write the number you end with in numerals and words.

Start with the number 6 035 692.

Add 40 000.

Subtract 2000.

# Need Planning to Complement this Resource?

National Curriculum Aim

Read and write numbers up to 10 000 000 and determine the value of each digit

This screenshot shows a math resource page with several sections:

- Scaling by 10, 100 and 1000:** Includes a table for multiplying and dividing by powers of 10.
- Powers of 10 up to 10 Million:** A vertical number line showing powers of 10 from 1 to 10,000,000.
- Word Problems:** Two word problems involving distance and time, with a small illustration of a dog.
- Place Value Powers of 10 up to 10 Million:** A table showing the place value of digits from 1 to 10,000,000.
- Gettago Chart:** A grid for recording student performance.
- Scaling by 10, 100 and 1000 Roll and Read:** A table for recording student performance on a game.

**Updated Mastery Content**

This screenshot shows a math resource page with several sections:

- Partitioning:** A problem involving the number 3,000,000 and its partitioning into 40,000 and 20.
- Place Value of Whole Numbers Up to 10 Million:** A large number line showing the place value of digits from 1 to 10,000,000.
- Remember It:** A table for recording student performance on a game.
- Number and Place Value:** A table showing the place value of digits from 1 to 10,000,000.
- Exit/Entrance Tickets:** A grid for recording student performance on a game.

**Updated Mastery Content**

