






Number Identification: Recognise Numbers in Digits, Diagrams and Words up to 1,000,000










| | | |
|---|---|---|
| New Zealand Curriculum This lesson plan could be used to support the teaching and learning of the following Achievement Objective(s) from the New Zealand Curriculum. Level Number 3: Number Knowledge Achievement Objective: Know how many tenths, tens, hundreds and thousands are in a whole number. | | Whole Lesson Time All timings are approximate.  |
| Student-Friendly Learning Intention: To read and write numbers to 1,000,000. | Resources: Lesson Pack Assessment Resource - a success criteria marking sheet is included if you wish to assess this lesson. Whiteboards Whiteboard pens | Preparation: Numbers to 1,000,000 Number Cards - one per class Read and Write Numbers to 1,000,000 Activity (Differentiated) - one per student Millions Place Value Grid - one per student Problem-Solving Cards - as required |
| Success Criteria: I can read and write numbers up to 1,000,000 as words. I can read and write numbers up to 1,000,000 as digits. | Key/New Words: Ten thousands, hundred thousands, thousands, hundreds, tens, ones, zero, digits, partition, place value. | |

Prior Learning

It will be helpful if students recognise four-digit numbers.

Learning Sequence

| | | |
|---|--|--|
|  | Warm-up Reading Numbers: Use the Lesson Presentation to teach students about numbers to 1,000,000. This presentation uses a place value grid to help students understand how to read and say numbers to 1,000,000. |  |
|  | Guided Groups <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>★ In this group, students will read and write numbers to 1,000,000 using digits and words. Use the Millions Place Value Grid to analyse numbers. Students write down a number and say it to their partner. Work with students to recognise how to say numbers, e.g. four hundred and twenty-three thousand, four hundred and sixty-four. Students then write the number down in words. Prompt students to use the Millions Place Value Grid if they are unsure of spelling.</p> <p>Can students read and write numbers up to 1,000,000 as digits? Can students read and write numbers up to 1,000,000 as words?</p> </div> <hr/> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>★★ In this group, students will read and write numbers to 1,000,000 using digits and words. Use the Millions Place Value Grid to analyse numbers. Students write down a number and say it to their partner. Work with students to recognise how to say numbers, e.g. four hundred and twenty-three thousand, four hundred and sixty-four. Students then write the number down in words. Include examples that have a zero as a placeholder.</p> <p>Can students read and write numbers up to 1,000,000 as digits? Can students read and write numbers up to 1,000,000 as words?</p> </div> <hr/> <div style="border: 1px solid black; padding: 5px;"> <p>★★★ In this group, students will read and write numbers to 1,000,000 using digits and words. Use the Millions Place Value Grid to analyse numbers. Students write down a number and say it to their partner. Work with students to recognise how to say numbers, e.g. four hundred and twenty-three thousand, four hundred and sixty-four. Students then write the number down in words. Include examples that have a zero as a placeholder.</p> <p>Can students read and write numbers up to 1,000,000 as digits? Can students read and write numbers up to 1,000,000 as words?</p> </div> |  Per Group |

| | | |
|---|--|---|
|  | <p>Follow-up Activities</p> <p> This group will complete the one star Read and Write Numbers to 1,000,000 Activity. Students will match numbers written in words and digits as well as practice writing numbers in words. Students partition numbers and recognise the value of each digit. Students work up to the number 500,000.</p> <hr/> <p> This group will complete the two star Read and Write Numbers to 1,000,000 Activity. Students will match numbers written in words and digits as well as practice writing numbers in words. Students partition numbers and recognise the value of each digit. Students practice understanding zero as a place value holder.</p> <hr/> <p> This group will complete the three star Read and Write Numbers to 1,000,000 Activity. Students will match numbers written in words, diagrams and digits as well as practice writing numbers in words. Students partition numbers and recognise the value of each digit. Students are challenged at this level to recognise zero as a place value holder in several places in a number.</p> |  |
|  | <p>Independent Activity Ideas</p> <p>Matchit: Students are to use this Numbers to 1,000,000 Matching Game to match the numbers written as digits to the numbers written as words. This game keeps students exploring their instant recall when it comes to recognising numbers in digits and words.</p> <p>Learnit: Use this handy Reading and Writing Numbers to 1,000,000 Maths Mat to help students read and write numbers to 1,000,000. This mat can be used alongside other games to support students to feel confident knowing the words used to say numbers.</p> <p>Makeit: Students use these Number Fans to make and say numbers up to 1,000,000. Students can work in pairs to say or write a number, the partner then makes the number using the number fan.</p> |  |
|  | <p>Wrap-up</p> <p>Hand out the Numbers to 1,000,000 Number Cards. One student says their number out loud using the correct words. The other students in the group write what they think the number is on a whiteboard. Students self-check with the original number on the paper to see if it is correct. Another student then takes their turn to say their number aloud.</p> |  |

Extending Learning

For schools following a problem-solving approach, you may wish to extend learning with the [Problem-Solving Cards](#). Alternatively, these could be used as a home learning task or introduction to another lesson.

Disclaimer/s

We hope you find the information on our website and resources useful.

Animations

This resource has been designed with animations to make it as fun and engaging as possible. To view the content in the correct formatting, please view the PowerPoint in 'slide show mode'. This takes you from desktop to presentation mode. If you view the slides out of 'slide show mode', you may find that some of the text and images overlap each other and/or are difficult to read.

To enter slide show mode, go to the **slide show menu tab** and select either **from beginning** or **from current slide**.



Mathematics

Number Identification

Level 3 Number Identification: Read and Write Numbers to 1,000,000 Recognise Numbers in Digits, Diagrams and Words up to 1,000,000 Lesson 1

Recognise Numbers in Digits, Diagrams and Words up to 1,000,000



Learning Intention

- To read and write numbers to 1,000,000.

Success Criteria

- I can read and write numbers up to 1,000,000 as words.
- I can read and write numbers up to 1,000,000 as digits.

Reading Numbers

Partition the numbers and write the value of each number in words. An example has been given.

| | | |
|------------|-------------------------------------|---|
| 421 | $400 + 20 + 1$ | four hundred and twenty-one |
| 878,909 | $800,000 + 70,000 + 8000 + 900 + 9$ | eight hundred and seventy-eight thousand, nine hundred and nine |
| 1208 | $1000 + 200 + 8$ | one thousand, two hundred and eight |
| 2580 | $2000 + 500 + 80$ | two thousand, five hundred and eighty |
| 107,070 | $100,000 + 7000 + 70$ | one hundred and seven thousand and seventy |
| 19,019 | $10,000 + 9000 + 10 + 9$ | nineteen thousand and nineteen |

Reading Numbers

In year 4, we found out that the value of a given digit is 10 times the size if it moves one place to the left on the place value grid.

| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
|-------------------|---------------|-----------|----------|------|------|
| | ● | ● | ● | ● | ● |
| | | | ● | | |

10 is ten times the size of one.

What would ten times the size of one hundred be? **1,000**

Reading Numbers

We can use a place value grid to help us read large or small numbers.

We always enter numbers into the place value grid starting from the right.

76,293

| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
|-------------------|---------------|-----------|----------|------|------|
| | 7 | 6 | 2 | 9 | 3 |

Seventy-six thousand, two hundred and ninety-three

Reading Numbers

Use the place value grid to help you read the amounts shown.

95,550

Ninety-five thousand, five hundred and fifty

23,405

Twenty-three thousand, four hundred and five

90,019

Ninety thousand and nineteen

| Ten Thousands | Thousands | Hundreds | Tens | Ones |
|---------------|-----------|----------|------|------|
| 9 | 0 | 5 | 0 | 9 |

Reading Numbers

Use the place value grid to help you read the amounts shown.

100,806

One hundred thousand, eight hundred and six

706,293

Seven hundred and six thousand, two hundred and ninety-three

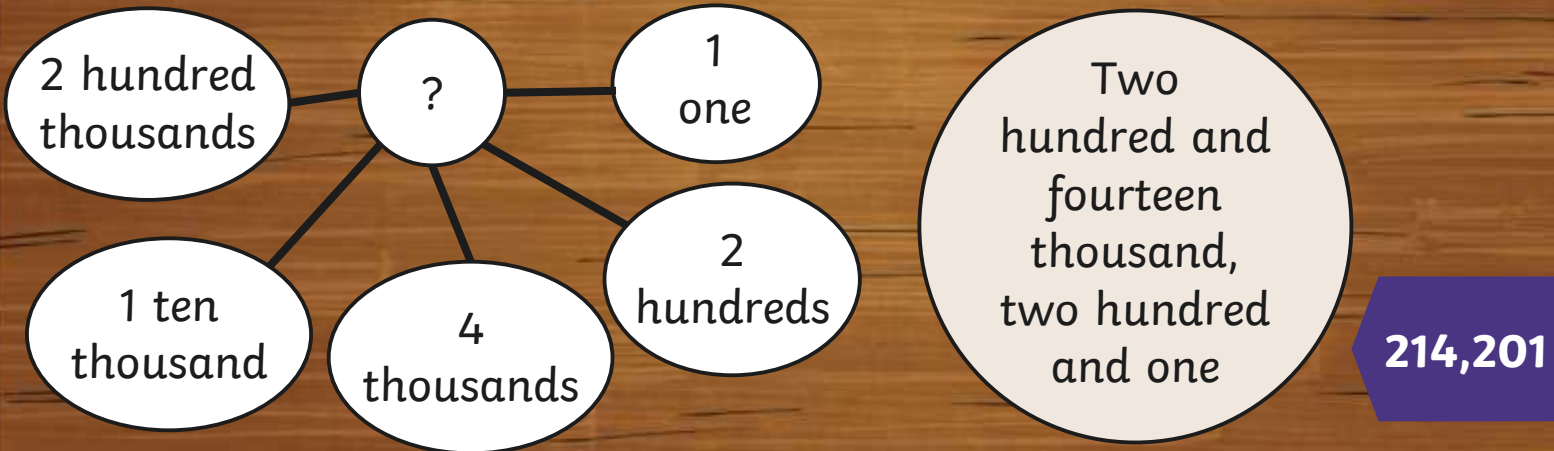
80,002

Eighty-thousand and two

| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
|-------------------|---------------|-----------|----------|------|------|
| 1 | 0 | 0 | 8 | 0 | 6 |

Reading Numbers

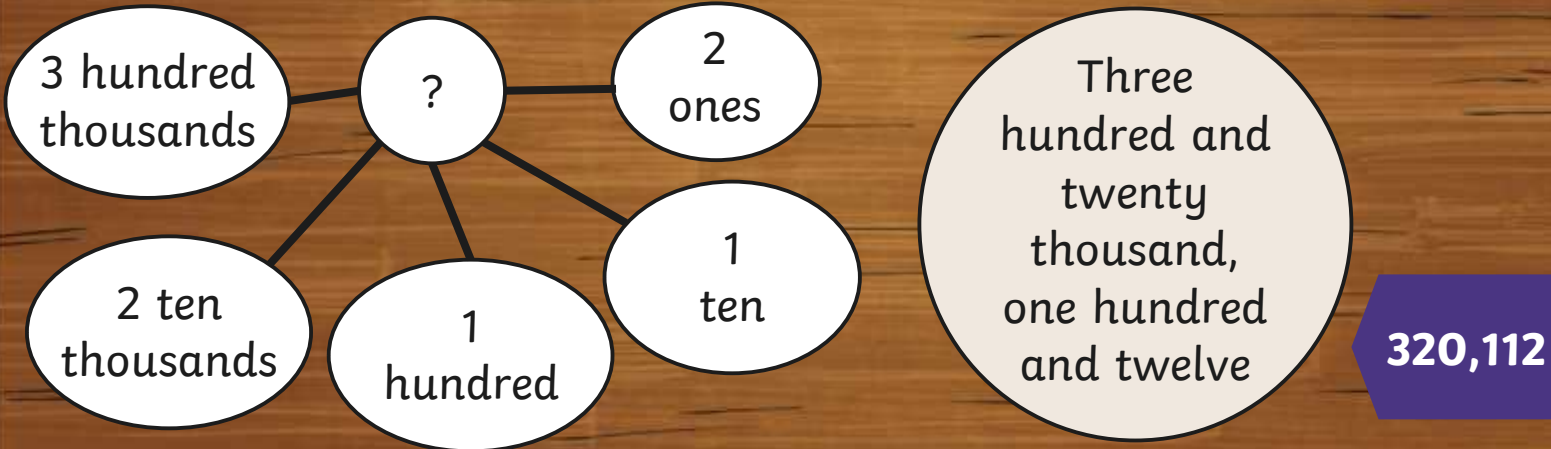
Use a place value grid to help read the following numbers aloud.



| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
|-------------------|---------------|-----------|----------|------|------|
| | | | | | |

Reading Numbers

Use a place value grid to help read the following numbers out loud.



| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
|-------------------|---------------|-----------|----------|------|------|
| | | | | | |

Learning Intention



- To read and write numbers to 1,000,000.

Success Criteria

- I can read and write numbers up to 1,000,000 as words.
- I can read and write numbers up to 1,000,000 as digits.



Recognise Numbers in Digits, Diagrams and Words up to 1,000,000

To read and write numbers to 1,000,000.



1. Match the representation to the correct number.

121,111

982,207

21,112

Twenty-one thousand,
one hundred and
twelve

Nine hundred and
eighty-two thousand,
two hundred and seven

One hundred and
twenty-one thousand,
one hundred and eleven

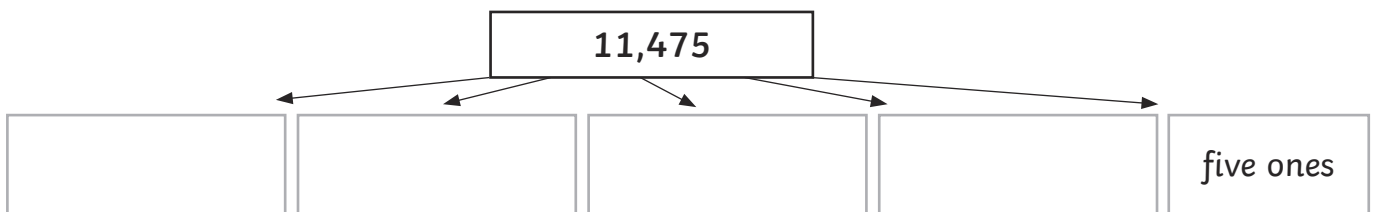
2. Write the following numbers in words.

156,939

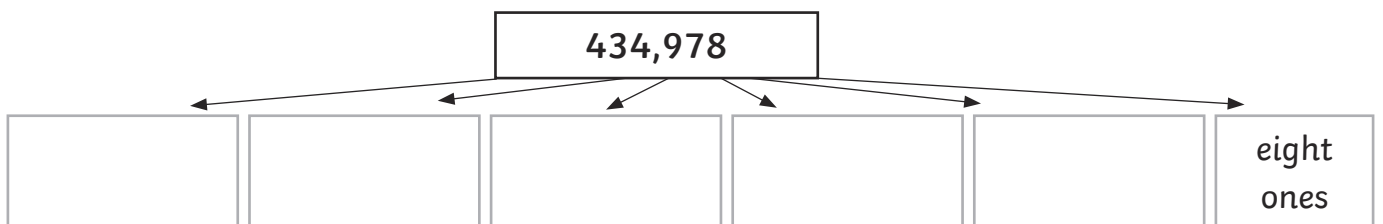
93,824

388,493

3a) Complete the partition diagram to help describe the place value of each digit in the numbers in words.



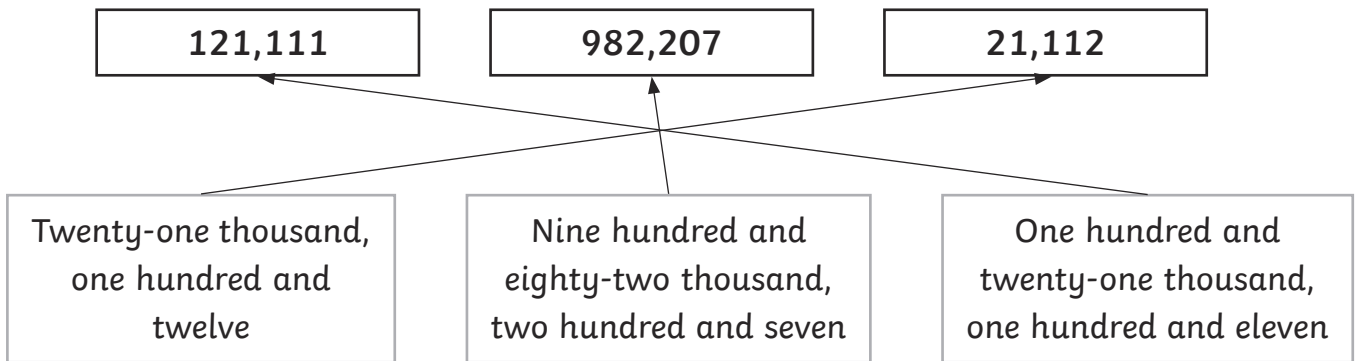
3b)



Recognise Numbers in Digits, Diagrams and Words up to 1,000,000

Answers

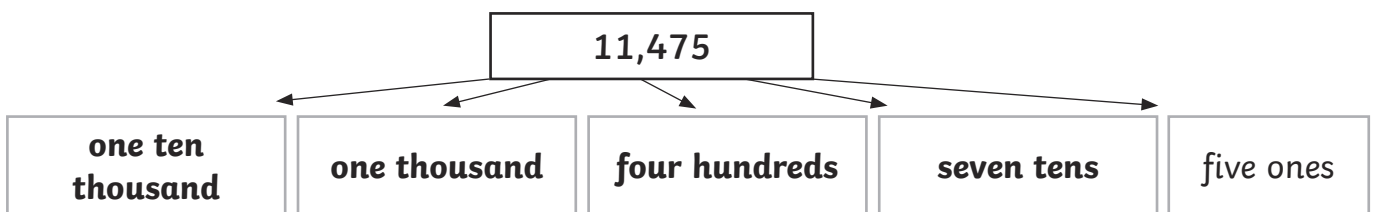
1. Match the representation to the correct number.



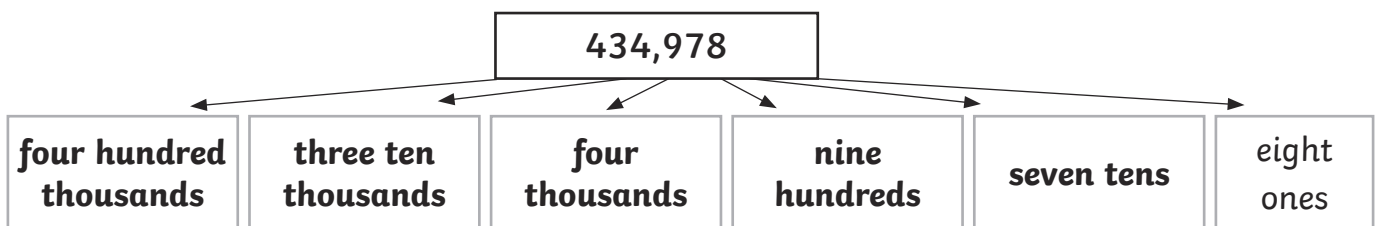
2. Write the following numbers in words.

| | |
|---------|---|
| 156,939 | One hundred and fifty-six thousand, nine hundred and thirty-nine |
| 93,824 | Ninety-three thousand, eight hundred and twenty-four |
| 388,493 | Three hundred and eighty-eight, four hundred and ninety-three |

3a) Complete the partition diagram to help describe the place value of each digit in the numbers in words.



3b)



Read and Write Numbers to 1,000,000

To read and write numbers to 1,000,000.



1. Match the representation to the correct number.

292,764

932,123

501,042

Nine hundred and
thirty-two thousand,
one hundred and
twenty-three

Five hundred and
one thousand
and forty-two

Two hundred and
ninety two thousand,
seven hundred and
sixty four

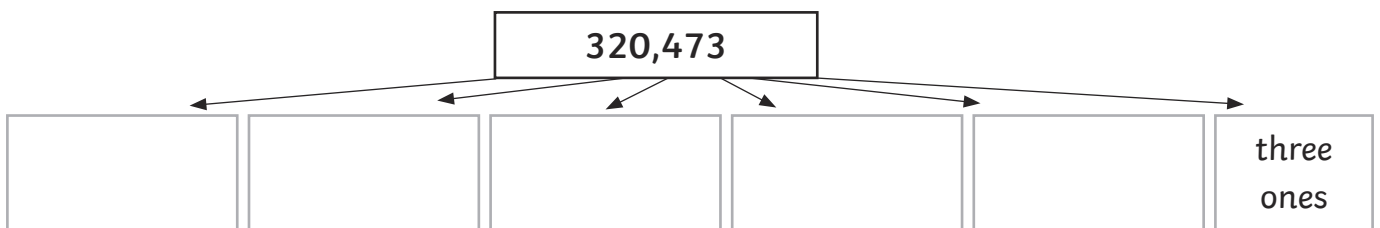
2. Write the following numbers in words.

302,443

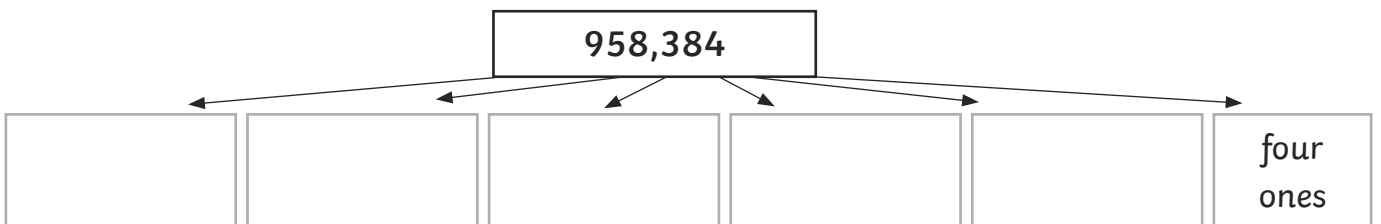
694,311

778,435

3a) Complete the diagram to help describe the place value of each digit in the numbers in words.



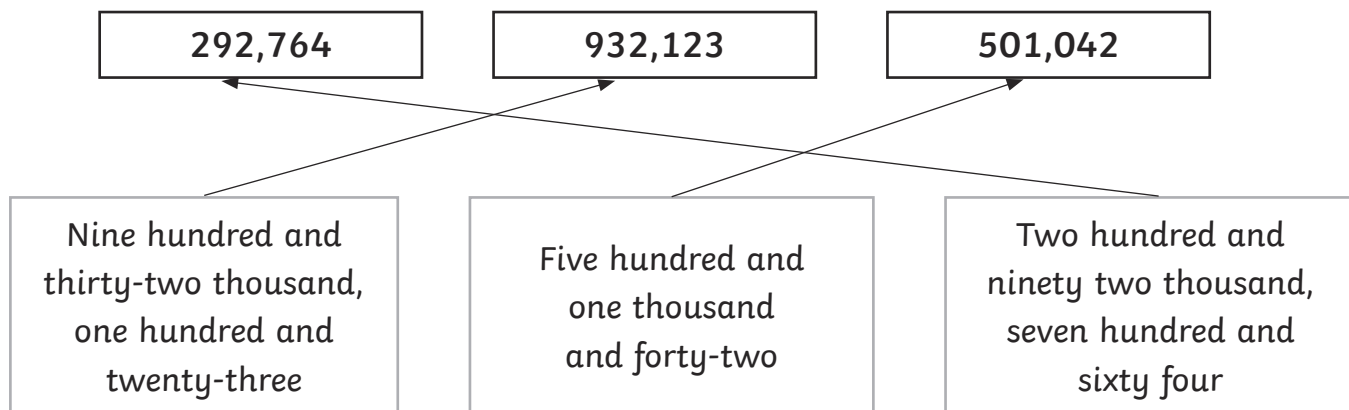
3b)



Read and Write Numbers to 1,000,000

Answers

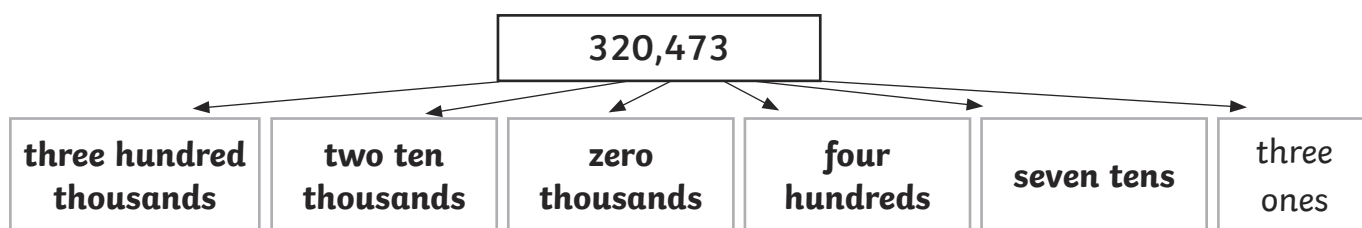
1. Match the representation to the correct number.



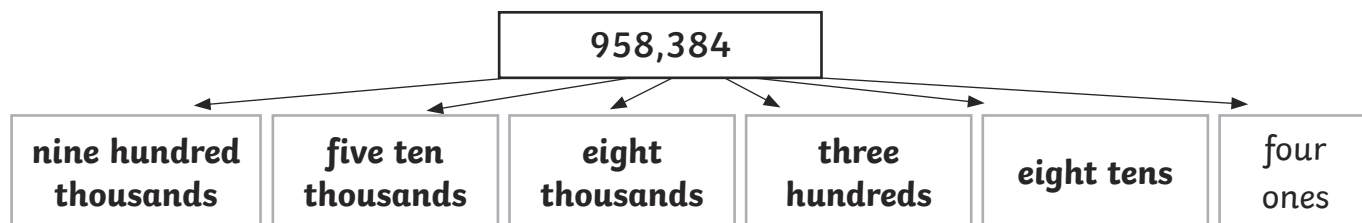
2. Write the following numbers in words.

| | |
|---------|--|
| 302,443 | Three hundred and two thousand, four hundred and forty-three |
| 694,311 | Six hundred and ninety four thousand, three hundred and eleven |
| 778,435 | Seven hundred and seventy-eight, four hundred and thirty-five |

3a) Complete the diagram to help describe the place value of each digit in the numbers in words.



3b)



Read and Write Numbers to 1,000,000

To read and write numbers to 1,000,000.



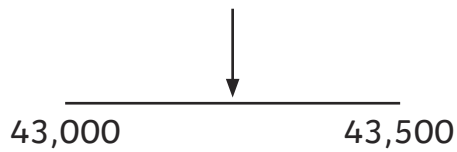
1. Match the representation to the correct number.

43,250

203,495

209,395

Two hundred and
three thousand,
four hundred and
ninety-five



Two hundred and
nine thousand,
three hundred and
ninety-five

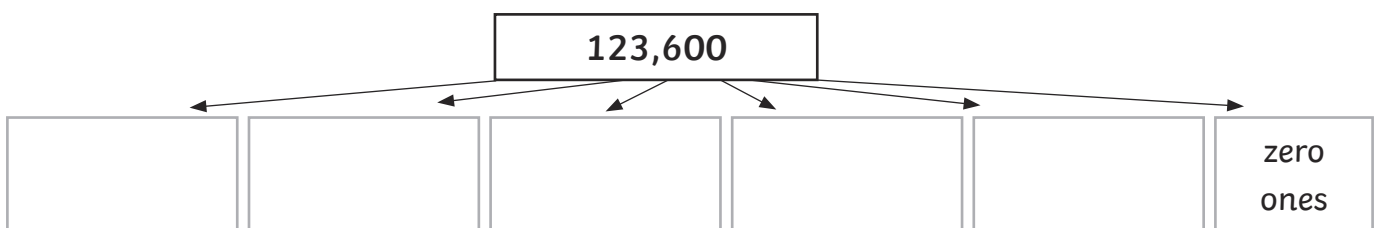
2. Write the following numbers in words.

490,328

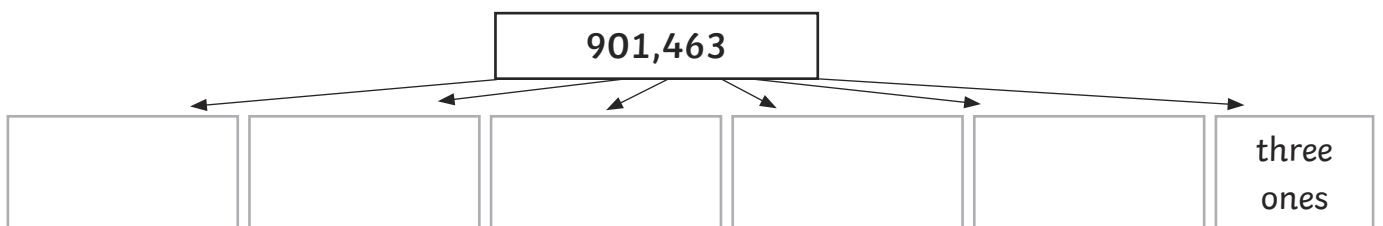
110,002

283,495

3a) Complete the diagram to help describe the place value of each digit in the numbers in words.



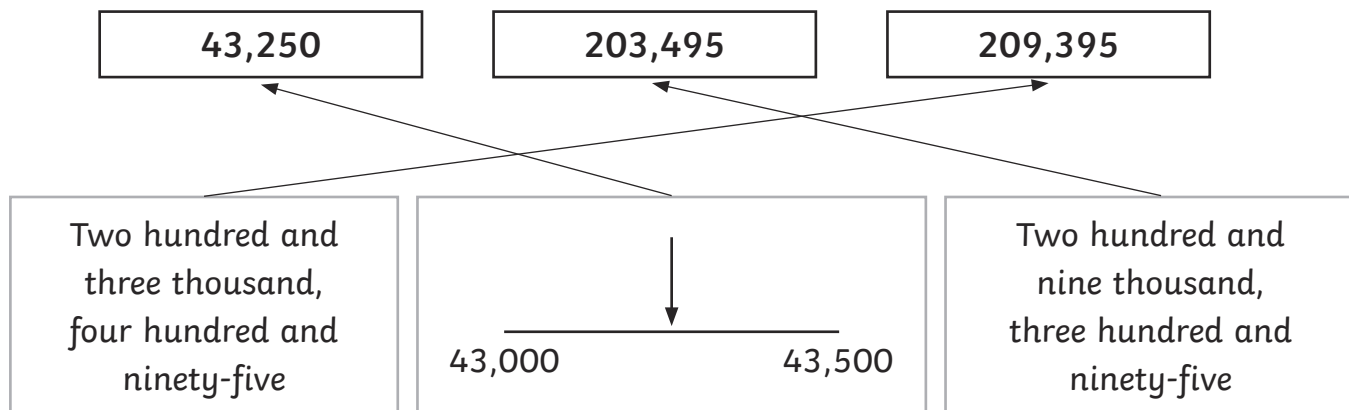
3b)



Read and Write Numbers to 1,000,000

Answers

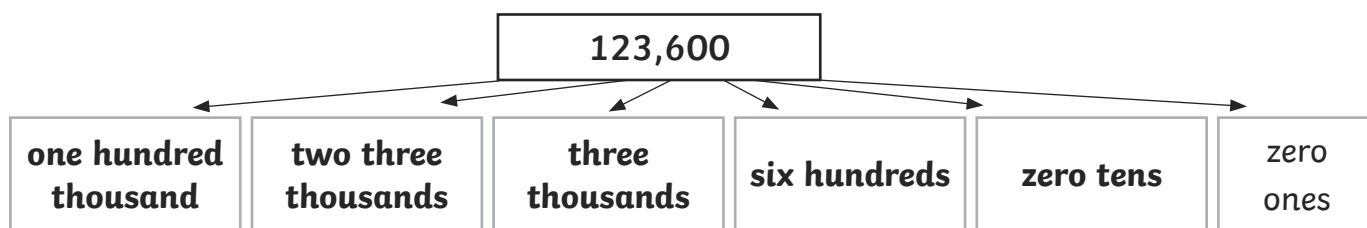
1. Match the representation to the correct number.



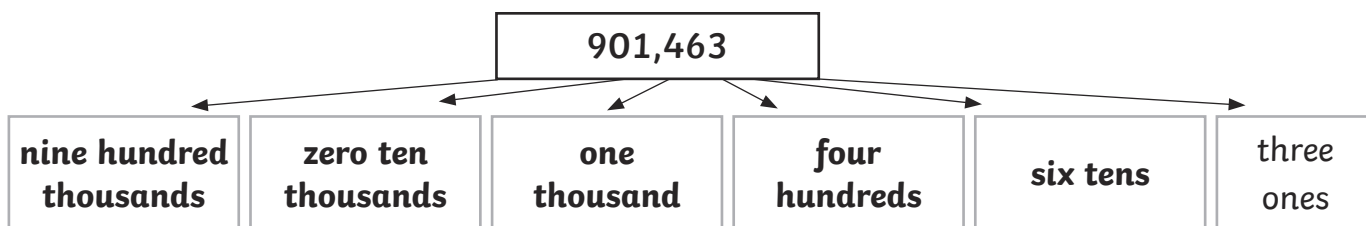
2. Write the following numbers in words.

| | |
|---------|--|
| 490,328 | Four hundred and ninety thousand, three hundred and twenty-eight |
| 110,002 | One hundred and ten thousand and two |
| 283,495 | Two hundred and eighty-three thousand, four hundred and ninety-five |

3a) Complete the diagram to help describe the place value of each digit in the numbers in words.



3b)



Millions, Thousands, Hundreds, Tens and Ones

Place Value Grid

| Millions | Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
|----------|-------------------|---------------|-----------|----------|------|------|
| | | | | | | |

Numbers to 1,000,000 Matching Game

This pack contains individual sets of 7 pairs to make a game that can be played by any number and create a winner. The sets could be printed on different colours to avoid mixing up.

To play:

1. Place all cards face down – either in a random pattern or a more organised grid.
2. The first player turns 2 cards in their places and checks to see if they match.
3. If the cards match they take the pair and try again.
4. If they do not match the next player turns.
5. The game continues until all the cards are paired.
6. The winner is the player with the most pairs.



Other Activities

It is possible to use the cards for matching ordering activities other than the game.

32,423

**Thirty-two thousand,
four hundred and
twenty-three**

23,342

**Twenty-three thousand,
three hundred and
forty-two**

42,304

**Forty-two thousand,
three hundred and four**

33,324

**Thirty-three thousand three
hundred and twenty-four**

44,430

**Forty-four thousand,
four hundred and thirty**

34,403

**Thirty-four thousand,
four hundred and three**

24,234

**Twenty-four thousand, two
hundred and thirty-four**

735,375

Seven hundred and thirty-five thousand, three hundred and seventy-five

575,357

Five hundred and seventy-five thousand, three hundred and fifty-seven

335,573

Three hundred and thirty-five thousand, five hundred and seventy-three

537,537

Five hundred and thirty-seven thousand, five hundred and thirty-seven

573,750

Five hundred and seventy-three thousand, seven hundred and fifty

570,507

Five hundred and seventy thousand, five hundred and seven

750,307

Seven hundred and fifty thousand, three hundred and seven

226,662

Two hundred and twenty-six thousand, six hundred and sixty-two

262,626

Two hundred and sixty-two thousand, six hundred and twenty-six

626,266

Six hundred and twenty-six thousand, two hundred and sixty-six

262,226

Two hundred and sixty-two thousand, two hundred and twenty-six

206,602

Two hundred and six thousand, six hundred and two

620,206

Six hundred and twenty thousand, two hundred and six

222,666

Two hundred and twenty-two thousand, six hundred and sixty-six

879,789

Eight hundred and seventy-nine thousand, seven hundred and eighty-nine

789,987

Seven hundred and eighty-nine thousand, nine hundred and eighty-seven

709,907

Seven hundred and nine thousand, nine hundred and seven

970,709

Nine hundred and seventy thousand, seven hundred and nine

790,978

Seven hundred and ninety thousand, nine hundred and seventy-eight

877,778

Eight hundred and seventy-seven thousand, seven hundred and seventy-eight

978,879

Nine hundred and seventy-eight thousand, eight hundred and seventy-nine

110,101

One hundred and ten thousand, one hundred and one

101,110

One hundred and one thousand, one hundred and ten

101,011

One hundred and one thousand and eleven

100,100

One hundred thousand, one hundred

111,111

One hundred and eleven thousand, one hundred and eleven

110,010

One hundred and ten thousand and ten

100,001

One hundred thousand and one

438,248

Four hundred and thirty-eight thousand, two hundred and forty-eight

824,284

Eight hundred and twenty-four thousand, two hundred and eighty-four

482,428

Four hundred and eighty-two thousand, four hundred and twenty-eight

284,482

Two hundred and eighty-four thousand, four hundred and eighty-two

824,842

Eight hundred and twenty-four thousand, eight hundred and forty-two

248,824

Two hundred and forty-eight thousand, eight hundred and twenty-four

482,424

Four hundred and eighty-two thousand, four hundred and twenty-four

90,090

Ninety thousand and ninety

900,900

**Nine hundred thousand,
nine hundred**

900,909

**Nine hundred thousand,
nine hundred and nine**

90,099

**Ninety thousand,
and ninety-nine**

909,990

**Nine hundred and nine
thousand, nine hundred and
ninety**

991,919

**Nine hundred and ninety-one
thousand, nine hundred and
nineteen**

999,999

**Nine hundred and ninety-nine
thousand, nine hundred and
ninety-nine**

24,423

29,375

67,342

37,857

89,304

57,093

35,024

53,700

42,730

77,750

40,563

90,507

99,234

30,017

662,778

987,810

656,926

321,789

870,266

410,907

123,226

512,709

670,602

440,978

206,206

132,778

660,606

513,879

482,248

90,909

248,284

900,900

482,428

909,099

284,482

99,099

110,101

990,909

101,010

9900

110,011

999,999



1.

| Number in Digits | | Number in Words | | | |
|----------------------------|---------------|---|--------------|------|------------|
| 31,504 | | Thirty-one thousand, five hundred and four | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| | ● ● ● | ● | ● ● ● ● ● | | ● ● ● ● |

| Number in Digits | | Number in Words | | | |
|----------------------------|---------------|---|--------------------|--------------|--------------------|
| 23,649 | | Twenty-three thousand, six hundred and forty-nine | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| | ● ● | ● ● ● | ● ● ● ● ● ● ● ● | ● ● ● ● ● | ● ● ● ● ● ● ● ● |

| Number in Digits | | Number in Words | | | |
|----------------------------|--|---|----------|-------------------------------------|--------------------|
| 73,073 | | Seventy-three thousand and seventy-three | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| | ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● | ● ● ● ● | | ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● | ● ● ● ● ● ● ● ● |

2.

| | |
|-----------|--|
| Mr Pukeko | Fifty-five thousand, two hundred and forty-three |
| Mrs Tui | Sixty-seven thousand, three hundred and forty-two |
| Miss Huia | One hundred and one thousand, four hundred and thirty-eight |

1.

| Number in Digits | | Number in Words | | | |
|----------------------------|-------------------------------------|---|------------------------|------|------------------------|
| 391,504 | | Three hundred and ninety-one thousand, five hundred and four | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| ● ● ● ● | ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● | ● | ● ● ● ● ● ● ● ● ● ● | | ● ● ● ● ● ● ● ● ● ● |

| Number in Digits | | Number in Words | | | |
|-------------------------------------|---------------|--|------------------------|---|----------------------------|
| 903,485 | | Nine hundred and three thousand, four hundred and eighty-five | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● | | ● ● ● ● ● | ● ● ● ● ● ● ● ● ● ● | ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● | ● ● ● ● ● ● ● ● ● ● ● ● |

2. Mrs Watson is incorrect. The number should have been written as \$30,200. She placed the two hundreds in the tens column.

3. a. 145,567

| | | | | | |
|---|---|---|---|---|---|
| 1 | 4 | 5 | 5 | 6 | 7 |
|---|---|---|---|---|---|

b. 765,541

| | | | | | |
|---|---|---|---|---|---|
| 7 | 6 | 5 | 5 | 4 | 1 |
|---|---|---|---|---|---|





1.

| Number in Digits | | Number in Words | | | |
|----------------------------|---------------|--|--------------|------|------------|
| 301,504 | | Three hundred and one thousand, five hundred and four | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| ● ● ● | | ● | ● ● ● ● ● | | ● ● ● ● |

| Number in Digits | | Number in Words | | | |
|----------------------------|---------------|--------------------------------------|----------|-------------------|------|
| 900,061 | | Nine hundred thousand, and sixty-one | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| ● ● ● ● ● ● ● ● ● | | | | ● ● ● ● ● ● | ● |

2. a. 104,567

| | | | | | |
|---|---|---|---|---|---|
| 1 | 0 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|

b. 765,410

| | | | | | |
|---|---|---|---|---|---|
| 7 | 6 | 5 | 4 | 1 | 0 |
|---|---|---|---|---|---|

3.

| Number as Digits | Number as Words | |
|-----------------------------------|--|--|
| 4 ¹ 0,4 ₁ 0 | Four hundred and <u>one</u> thousands, four hundred and <u>one</u> | The number as digits should read 401 401. The digit '1' has been placed in the wrong column twice |
| 723,812 | Seven hundred and twenty-three thousand, eight hundred and twelve | No error |
| 699, <u>4</u> 00 | Six hundred and ninety-nine thousand, and <u>forty</u> | The number as digits should read 699 040. The digit '4' has been placed in the hundreds column |

Read and Write Numbers to 1,000,000



1. Complete the tables.

| Number in Digits | | Number in Words | | | |
|----------------------------|---------------|-----------------|--------------|------|------------|
| 31,504 | | | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| | ● ● ● | ● | ● ● ● ● ● | | ● ● ● ● |

| Number in Digits | | Number in Words | | | |
|----------------------------|---------------|---|----------|------|------|
| | | twenty-three thousand, six hundred and forty-nine | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| | | | | | |

| Number in Digits | | Number in Words | | | |
|----------------------------|------------------|-----------------|----------|------------------|-------|
| | | | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| | ● ● ● ● ● ● ● | ● ● ● | | ● ● ● ● ● ● ● | ● ● ● |

2. This table shows teacher earnings at Twinkl Primary School. Write each of the teacher's earnings in words.

| | | |
|-----------|----------|-----------|
| Mr Pukeko | Mrs Tui | Miss Huia |
| \$55,243 | \$67,342 | \$101,438 |

Read and Write Numbers to 1,000,000



1. Complete the tables.

| Number in Digits | | Number in Words | | | |
|----------------------------|---------------|-----------------|--------------|------|------------|
| 31,504 | | | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| | ● ● ● | ● | ● ● ● ● ● | | ● ● ● ● |

| Number in Digits | | Number in Words | | | |
|----------------------------|---------------|---|----------|------|------|
| | | twenty-three thousand, six hundred and forty-nine | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| | | | | | |

| Number in Digits | | Number in Words | | | |
|----------------------------|------------------|-----------------|----------|------------------|-------|
| | | | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| | ● ● ● ● ● ● ● | ● ● ● | | ● ● ● ● ● ● ● | ● ● ● |

2. This table shows teacher earnings at Twinkl Primary School. Write each of the teacher's earnings in words.

| | | |
|-----------|----------|-----------|
| Mr Pukeko | Mrs Tui | Miss Huia |
| \$55,243 | \$67,342 | \$101,438 |

Read and Write Numbers to 1,000,000



1. Complete the tables.

| Number in Digits | | Number in Words | | | |
|----------------------------|-------------------------|-----------------|--------------|------|------------|
| 391,504 | | | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| ● ● ● | ● ● ● ● ● ● ● ● ● | ● | ● ● ● ● ● | | ● ● ● ● |

| Number in Digits | | Number in Words | | | |
|----------------------------|---------------|-----------------|----------|------|------|
| 903,485 | | | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| | | | | | |

2. Mrs Watson bought a new apartment for thirty thousand, two hundred dollars. She writes this in digits as \$30,020. Is she correct? Explain your thinking.



3. Finn has the digit cards 4, 6, 7, 1, 5 and, 5.

- What is the smallest number he can make using all the digits?
- What is the biggest number he can make using all the digits?



Read and Write Numbers to 1,000,000



1. Complete the tables.

| Number in Digits | | Number in Words | | | |
|----------------------------|-------------------------|-----------------|--------------|------|------------|
| 391,504 | | | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| ● ● ● | ● ● ● ● ● ● ● ● ● | ● | ● ● ● ● ● | | ● ● ● ● |

| Number in Digits | | Number in Words | | | |
|----------------------------|---------------|-----------------|----------|------|------|
| 903,485 | | | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| | | | | | |

2. Mrs Watson bought a new apartment for thirty thousand, two hundred dollars. She writes this in digits as \$30,020. Is she correct? Explain your thinking.



3. Finn has the digit cards 4, 6, 7, 1, 5 and, 5.

- What is the smallest number he can make using all the digits?
- What is the biggest number he can make using all the digits?



Read and Write Numbers to 1,000,000



1. Complete the tables.

| Number in Digits | | | Number in Words | | |
|----------------------------|---------------|-----------|-----------------|------|----------------|
| 301,504 | | | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| ● ● ● | | ● | ● ● ● ● ● ● | | ● ● ● ● ● ● |

| Number in Digits | | | Number in Words | | |
|----------------------------|---------------|-----------|--------------------------------------|------|------|
| | | | Nine hundred thousand, and sixty-one | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| | | | | | |

2. Griffin has the digit cards 4, 6, 7, 1, 0 and 5.

- What is the smallest number he can make using all the digits?
- What is the biggest number he can make using all the digits?



3. Find the mistakes in this table, underline them and explain why this is a mistake.

| Number as Digits | Number as Words |
|------------------|---|
| 410,410 | Four hundred and one thousands, four hundred and one |
| 723,812 | Seven hundred and twenty-three thousand, eight hundred and twelve |
| 699,400 | Six hundred and ninety-nine thousand, and forty |

Read and Write Numbers to 1,000,000



1. Complete the tables.

| Number in Digits | | | Number in Words | | |
|----------------------------|---------------|-----------|-----------------|------|----------------|
| 301,504 | | | | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| ● ● ● | | ● | ● ● ● ● ● ● | | ● ● ● ● ● ● |

| Number in Digits | | | Number in Words | | |
|----------------------------|---------------|-----------|--------------------------------------|------|------|
| | | | Nine hundred thousand, and sixty-one | | |
| Place Value Representation | | | | | |
| Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| | | | | | |

2. Griffin has the digit cards 4, 6, 7, 1, 0 and 5.

- What is the smallest number he can make using all the digits?
- What is the biggest number he can make using all the digits?



3. Find the mistakes in this table, underline them and explain why this is a mistake.

| Number as Digits | Number as Words |
|------------------|---|
| 410,410 | Four hundred and one thousands, four hundred and one |
| 723,812 | Seven hundred and twenty-three thousand, eight hundred and twelve |
| 699,400 | Six hundred and ninety-nine thousand, and forty |

Read and Write Numbers to 1,000,000 | Recognise Numbers in Digits, Diagrams and Words up to 1,000,000

| To read and write numbers to 1,000,000 | | |
|---|--|--|
| I can read and write numbers up to 1,000,000 as words. | | |
| I can read and write numbers up to 1,000,000 as digits. | | |

Read and Write Numbers to 1,000,000 | Recognise Numbers in Digits, Diagrams and Words up to 1,000,000

| To read and write numbers to 1,000,000 | | |
|---|--|--|
| I can read and write numbers up to 1,000,000 as words. | | |
| I can read and write numbers up to 1,000,000 as digits. | | |

Read and Write Numbers to 1,000,000 | Recognise Numbers in Digits, Diagrams and Words up to 1,000,000

| To read and write numbers to 1,000,000 | | |
|---|--|--|
| I can read and write numbers up to 1,000,000 as words. | | |
| I can read and write numbers up to 1,000,000 as digits. | | |

Read and Write Numbers to 1,000,000 | Recognise Numbers in Digits, Diagrams and Words up to 1,000,000

| To read and write numbers to 1,000,000 | | |
|---|--|--|
| I can read and write numbers up to 1,000,000 as words. | | |
| I can read and write numbers up to 1,000,000 as digits. | | |

Read and Write Numbers to 1,000,000 | Recognise Numbers in Digits, Diagrams and Words up to 1,000,000

| To read and write numbers to 1,000,000 | | |
|---|--|--|
| I can read and write numbers up to 1,000,000 as words. | | |
| I can read and write numbers up to 1,000,000 as digits. | | |

Read and Write Numbers to 1,000,000 | Recognise Numbers in Digits, Diagrams and Words up to 1,000,000

| To read and write numbers to 1,000,000 | | |
|---|--|--|
| I can read and write numbers up to 1,000,000 as words. | | |
| I can read and write numbers up to 1,000,000 as digits. | | |

Read and Write Numbers to 1,000,000 | Recognise Numbers in Digits, Diagrams and Words up to 1,000,000

| To read and write numbers to 1,000,000 | | |
|---|--|--|
| I can read and write numbers up to 1,000,000 as words. | | |
| I can read and write numbers up to 1,000,000 as digits. | | |

Read and Write Numbers to 1,000,000 | Recognise Numbers in Digits, Diagrams and Words up to 1,000,000

| To read and write numbers to 1,000,000 | | |
|---|--|--|
| I can read and write numbers up to 1,000,000 as words. | | |
| I can read and write numbers up to 1,000,000 as digits. | | |