

Unit 1 Place Value 4-digit numbers

Unit 1
Place value – 4-digit numbers 1

In this unit we will...

- Count in 1,000s
- Decompose 4-digit numbers
- Partition 4-digit numbers
- Use number lines
- Say a number 1,000, 100 or 10 more or less than any 4-digit number

Other numbers in the unit are...

1,000, 100, 10, 1

Starter
Pages 6-7

Represent and partition numbers to 1,000

Discover

There are 200 days in one year.

But what about leap years? There's one more day in a leap year.

1. a) Make 200 from base 10 equipment.
b) Show how 200 can be partitioned.

1. Represent and partition numbers to 1,000
Pages 8-11

Number line to 1,000

Discover

Playjack recipe
Flour 250 g
Sugar 50 g

1. a) How many grams of each one on the scales?
b) What would the correct flour and sugar be on the scales?

2. Number line to 1,000
Pages 12-15

Multiples of 1,000

Discover

1. a) Count the letter 'a's on the football pitch.
Count the strawberry sweets on the field's petals.
b) How many sweets are there altogether?

3. Multiples of 1,000
Pages 16-19

4-digit numbers

Discover

1. a) Choose three of the cards.
Make a 4-digit number.
b) Place the remaining card at the front of the cards chosen to make a 4-digit number.
c) Make your number from base 10 equipment.

4. 4-digit numbers
Pages 20-23

Partition 4-digit numbers

Discover

1. a) How many legs do the 'T' trees have in total?
How many legs do the 'A' trees have in total?
How many legs do the 'B' trees have in total?
b) How many legs are there altogether?

5. Partition 4-digit numbers
Pages 24-27

Partition 4-digit numbers flexibly

Discover

1. a) Explain the number and letter between the two rules.
b) What is the total mass of all the pencils and pens?

6. Partition 4-digit numbers flexibly
Pages 28-31

1, 10, 100, 1,000 more or less

Discover

Last week's attendance: 8,980

1. a) Make this number from place value counters on a place value grid.
b) The week, 1,000 more people attend.
Add a counter to the place value grid to show 1,000 more than 8,980.

7. 1, 10, 100, 1,000 more or less
Pages 32-35

1,000s, 100s, 10s and 1s

Discover

1. a) Use base 10 equipment to show 'fifteen hundred' in 100s.
b) Use base 10 equipment to show 'fifteen hundred' in 100s and 100s.

8. 1,000s, 100s, 10s and 1s
Pages 36-39