

Key concepts and questions

Why is it important to put the digit into the correct column on the place value chart?

Correct placement of the digit shows an understanding of its value.

| H | T | O | H | T | O |
|---|---|---|---|---|---|
| | 1 | 5 | 1 | 5 | 0 |

How do you know which number is next?

When counting forward in ones, the digit in the ones column increases by 1. If the ones digit is a 9, you 'bridge' into the next multiple of ten.

| | | | | | | |
|---|---|---|------------|---|---|---|
| 4 | 2 | 9 | → | 4 | 3 | 0 |
| | | | Count on 1 | | | |

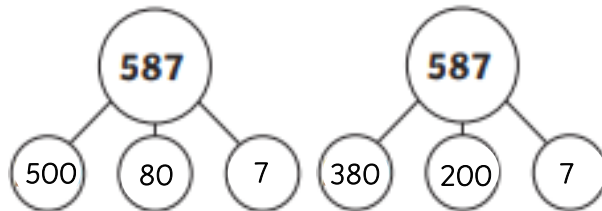
Key Vocabulary

| | | |
|-------------|----------------------------|-------|
| place value | partition | digit |
| hundreds | tens | ones |
| counting | 4, 8, 50 and 100s | |
| estimate | approximate calculation | |
| exchange | change for the same amount | |
| half way | in the middle of | |
| equal to | = same as | |
| order | ascending/descending | |
| more | a greater amount | |
| less | a smaller amount | |

Representations





















Part whole model:

Shows the composition of 3 digit numbers and how they can be partitioned into 100s, 10s and 1s.



Place value grid

Represents the value of each digit.

| Hundreds | Tens | Ones |
|---|--|--|
|      |         |        |

Arrow cards

Show the value of each digit.



Making connections

Number bonds to 10 and 100

| | | | | |
|----|----|----|----|----|
| 10 | 10 | 10 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 |

7 + 3 = 10
70 and 30 = 100

Counting in 4s, 8s, 50s and 100s



200 pence

Counting money



one hundred and three pence