Place value and number order to 100, 000

Learn and practise | Free preview

A sample from this topic. The complete topic collection contains three different resources and worked solutions.

Show your thinking using words, working or a labelled drawing. Use the explanations and example first.

What you will practise

• Place value and number order to 100, 000

• Explain and check an answer with an appropriate representation.

Useful starting skills: Use objects, drawings or a number line to explain a simple idea.

Each place in a whole number is ten times the place to its right. Read the places from left to right before comparing numbers.

A number can be partitioned in several ways. Trading one ten for ten ones or one hundred for ten tens changes the grouping but preserves the total. Zero holds an empty place.

Worked example

Partition 30408.

Find the number of completethousands:30.

The remaining part is 408; $30\times1000+408=30408$.

Answer: 30 thousands and 408 ones

Try it yourself

Name: _____ Date: _____

1. Write 30408 asthousands and remaining ones.

2. Put these numbers in ascending order:70502, 7502, 75020.

Answers and explanations

Check the method as well as the final answer. An alternative correct method is also valid.

1. 30 thousands and 408 ones

$30 \times 1000 + 408 = 30408$.

2. 7502, 70502, 75020

Compare the largest place first, then the next place where the digits differ.

Curriculum reference: VC2M3N02

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