

Master Ordering Number Representations to 100 A

Rationale

In this practical step, pupils build on their understanding of comparing numbers to order numbers to 100, represented by concrete apparatus. They will order three numbers from smallest to greatest and greatest to smallest.

They will use the vocabulary 'smallest' and 'greatest' in their ordering.

Pupils will need access to concrete apparatus, such as Dienes, to complete this practical step.



Key Stem Sentences

- ___ has more / fewer tens / ones than ___ and ___
- The smallest / greatest number is ___



Key Vocabulary

- order
- smallest
- greatest
- more / fewer



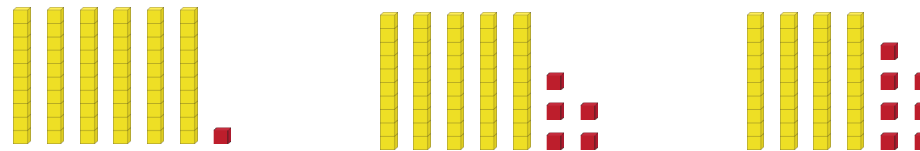
Common Errors or Misconceptions

- Pupils may not be secure identifying 10s and 1s in the correct order.
- Pupils may not yet be secure with place value. For example, 45 is greater than 51 because there are more Dienes blocks

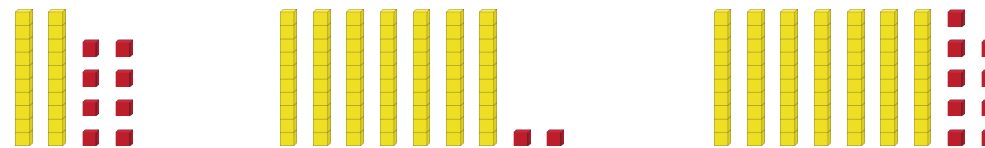


Key Representations

Dienes



61 has more tens than 47 and 55. 55 has more tens than 47. The greatest number is 61 and the smallest number is 47



28 has fewer tens than 72 and 79. 72 has fewer ones than 79. The smallest number is 28 and the number is 79



Pupils will FLOURISH if they can...

- identify which number is the smallest and which is the greatest.
- order three numbers to 100, represented by concrete apparatus, from smallest to greatest and greatest to smallest.
- explain their understanding using verbal sentences and concrete apparatus.

