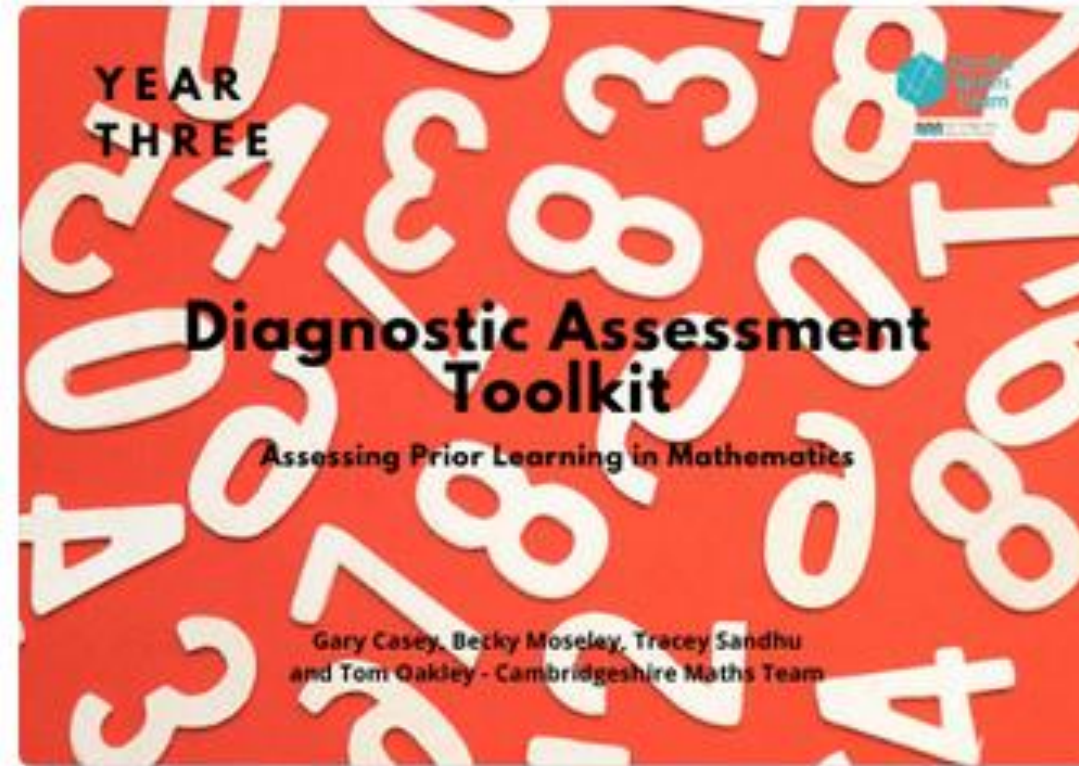


Diagnostic Assessment Toolkit:

Year 3



This is a companion guide for the **Diagnostic Assessment Toolkit: Year 3 created by the Cambs Maths Team. The featured activities can be carried out to assess children's understanding of their prior learning, from Year 2.**

Credit: Some images of manipulative resources were created with mathsbot.com

Place Value and Number

Diagnostic assessment activities you could try:

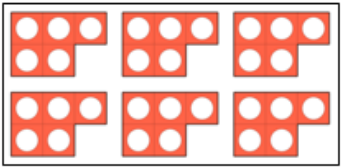
- **Match it** – Identify numerals and images that represent the same number.
- **Complete it** - Count or fill in missing numbers in a sequence, including -teen and -ty numbers (counting in ones and tens, up to 110).
- **Compare it** – Compare or order numbers, including –teen and –ty, using numerals, pictorial images or manipulatives and the use of $<$, $>$ and $=$ signs.
- **Record it** – Write numbers after reading or hearing them, including above 100 and with 0 as a place holder.



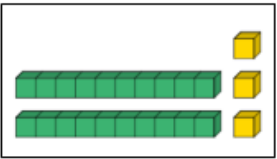
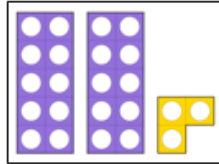
Place Value and Number

Match It

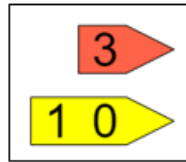
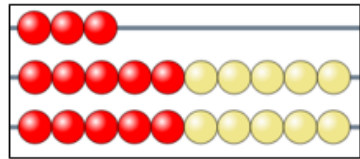
Which representations have the same value?



Thirty



23



Compare It

Make your own number sentences using these values and the symbols $<$, $=$ or $>$.

123

15

103

50

32

321

130

Which number is the greatest?

Which of these numbers are smaller than fifty?

Complete It

Fill in the missing numbers:

14, 15, , , 18, 19, , 21

, 70, 80, 90, 100,

84, 83, 82, , ,

Record It

How would you record these numbers using digits?

One hundred and five

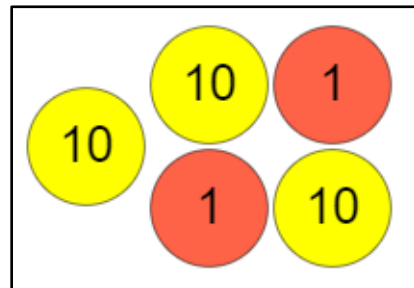
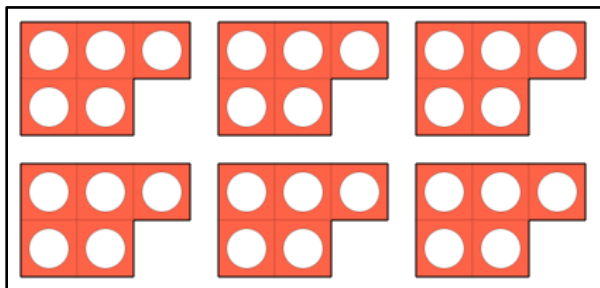
Eighty

Seventeen

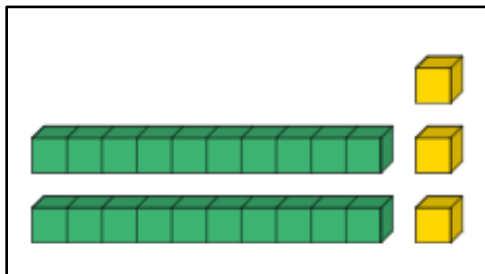
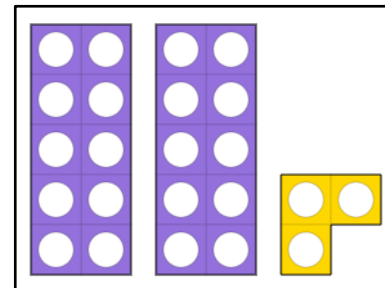
One hundred and twenty three

Match It

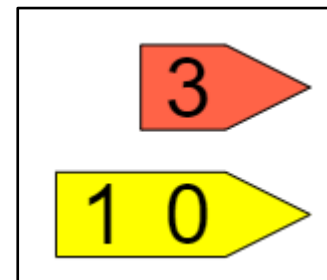
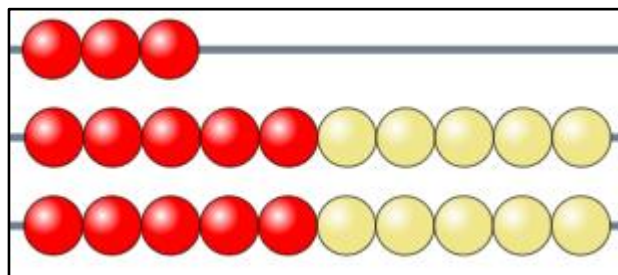
Which representations have the same value?



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23



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, 70, 80, 90, 100,

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Make your own number sentences using these values and the symbols $<$, $=$ or $>$.

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Which number is the greatest?

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How would you record these numbers using digits?

One hundred and five

Eighty

Seventeen

One hundred and twenty three