IAL: partition 3-digit numbers

Choose from A, B and C. If you would like to complete more than one, you can!

Use the online arrow cards to help you with the learning.
Click Here and Click Here

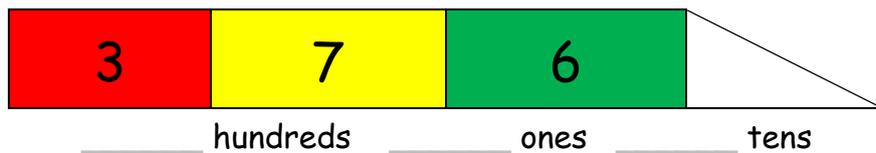**A)** Complete the partitioning of the 3-digit numbers.

$$\boxed{} + \boxed{50} + \boxed{} = \boxed{356}$$

$$\boxed{} + \boxed{} + \boxed{} = \boxed{921}$$

$$\boxed{} + \boxed{} + \boxed{} = \boxed{303}$$

B) Write down what each digit represents.

3	7	6

_____ hundreds _____ ones _____ tens

What is 10 more than the number above? _____

9	0	3

_____ ones _____ tens _____ hundreds
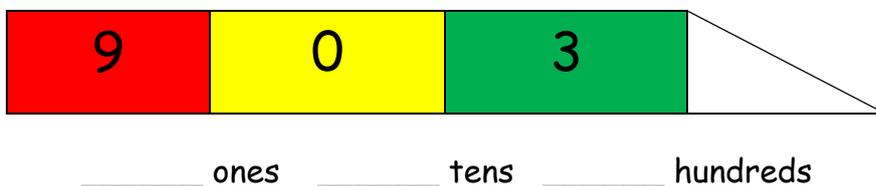
What is 100 less than the number above? _____

C) Explain mathematically the mistake in the partitioning then correct it.

3	0	7

300 + 30 + 7 = 307

8	0	9

80 + 9 = 809

IAL: to Write Numbers as Words

Choose from A, B and C. If you would like to complete more than one. you can!

Use the online activity to practice and support your spelling
Click Here

A) Write the numbers as words in figures and the numbers in figures as words.

26 _____

99 _____

twenty-three _____

fifty-seven _____

B) Write the numbers as words in figures and the numbers in figures as words.
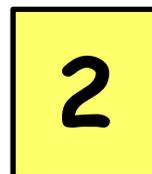
four hundred and twelve _____

three hundred and twenty _____

one hundred and seventy-three _____

563 _____

217 _____

944 _____

C) Use the digit cards to make the largest number and smallest number.

5   **7**   **2**

Write the largest number in figures _____

Write the largest number in words

_____

Write the smallest number in figures _____
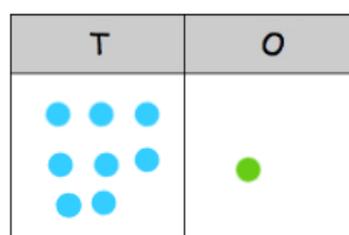
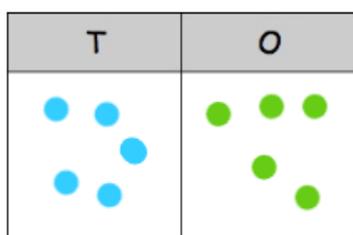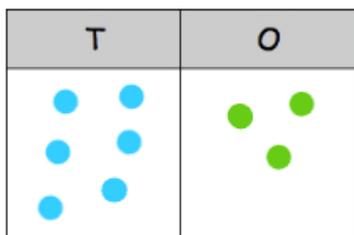Write the smallest numbers in words

_____

IAL: to Write Numbers as Words

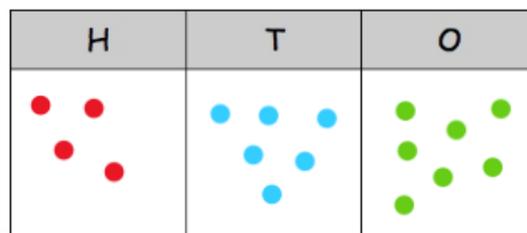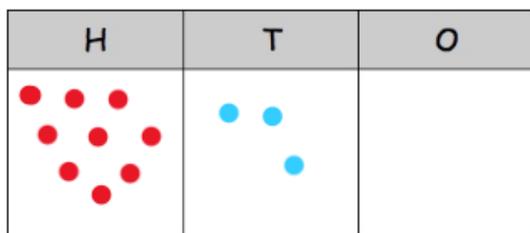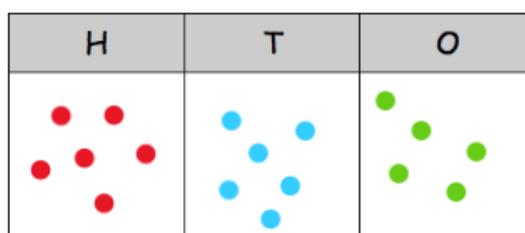Choose from A, B and C. If you would like to complete more than one, you can!

Use the online counters to help you create the numbers
Click Here

A) Write in figures and words what numbers are shown in the 2-digit place value

T	O
(dots)	(dots)

T	O
(dots)	(dots)

T	O
(dots)	(dots)

B) Write in figures and words what numbers are shown in the 3-digit place value

H	T	O
(dots)	(dots)	(dots)

H	T	O
(dots)	(dots)	(dots)

H	T	O
(dots)	(dots)	

H	T	O
(dots)	(dots)	(dots)

C) Investigate how many numbers you can make where all the columns give a total 12. Write the 3-digit numbers you can find in figures and words.

For example:

H	T	O
(dots)	(dots)	(dots)

4 + 2 + 6 = 12

426 = Four hundred and twenty-six

IAL: to compare 3-digit numbers

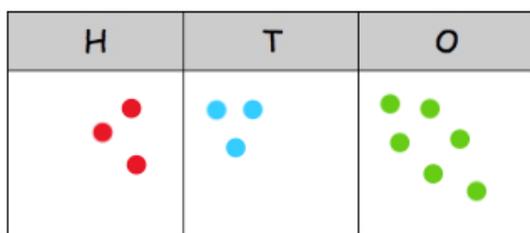Choose from A, B and C. If you would like to complete more than one, you can!

use	> **greater than**	= **equal to**	< **less than**

Use this comparing numbers activity to support your learning
Click Here

A) Add the correct symbol in the box to compare the 3-digit numbers below.

216 ☐ 219	145 ☐ 119
324 ☐ 423	132 ☐ 658
101 ☐ 110	120 ☐ 104

B) Roll a 10-sided dice 3 times to make a 3-digit number. Roll again 3 times to make another 3-digit number. If you don't have a dice click here
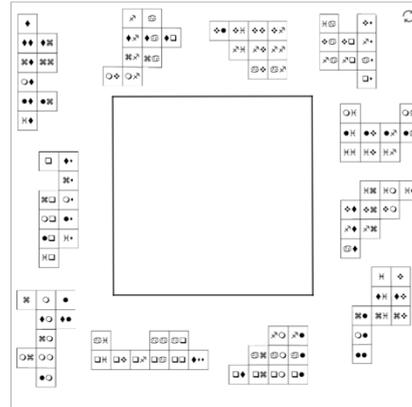
Compare the numbers with:

<   >   =

Total **2**

Roll

C) Investigate what number can go in the box to make the number sentences correct. The number has to be the same every time!

76☐   >   7☐3
5☐6   >   ☐98
1☐2   <   ☐43

IAL: to apply my understanding of number

Can you solve the 100 square puzzle?
It starts with 1 and ends in 100.

Use this website
https://nrich.maths.org/6554

Use your finished 100 square to crack the code and work out what the symbols are in numbers. They are not in numerical order!
Use place value to help you.

♦ = ___   ⋈ = ___   ● = ___   ⚹ = ___

○ = ___   ♋ = ___   ❖ = ___   ◆ = ___

▢ = ___   ⌘ = ___

What helped you to work out what number each symbol was?
What method did you use to crack the code?