Maths

Week Commencing 27/04/2020

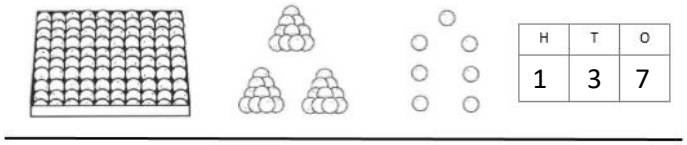
Lesson 1

Hundreds	Tens	Ones
2	3	4

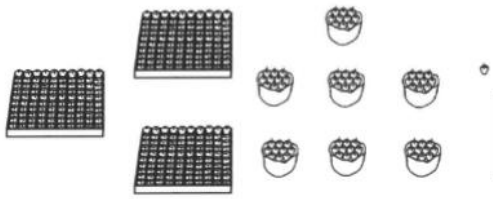
Leaning Objective: To recognise the place value of each digit in a 3-digit number.

In these next few weeks we will be learning about 3-digit numbers so numbers in the hundreds!
Can you identify the 3-digit number and write it in a place value chart?
One has been done for you.

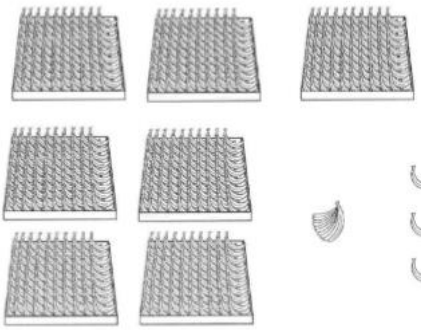
Top tip – You don't have to count every item! Each square block is worth a hundred and each pile is worth ten.



H	T	O
1	3	7

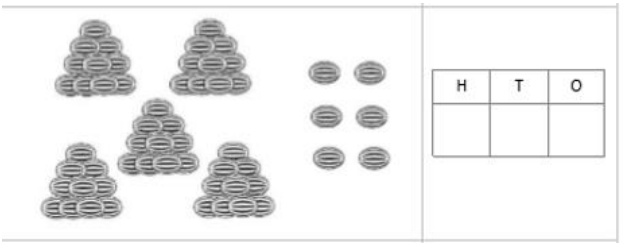


H	T	O



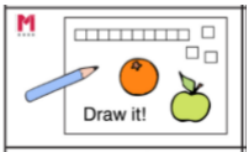
H	T	O

H	T	O



H	T	O

Challenge



Can you draw pictures to represent the 3-digit numbers?

Remember to group your hundreds, tens and ones like the pictures above.

325 412 179 726

Lesson 2

Learning Objective: To partition a 3-digit number.

Today we will be partitioning 3-digit numbers. Normally in class we would use dienes to partition, however you will have to use your own objects around the house. To represent the hundreds you could use pieces of paper, placemats or books (something big and square), to present the tens you could use straws, sticks or pens/pencils (something tall and thin) and to represent the ones you could use stones, rocks or marbles (something small and round). Please see below as an example.

= 243

Partition the following numbers using your objects around the house.

314 237 451 325 126

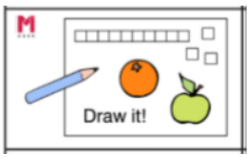
Why not take a picture and share your amazing work with us online? Miss Brown and Miss Cheetham would love to see it!

http://facebook.com/OasisAcademyDonValley/

@oasisdonvalley

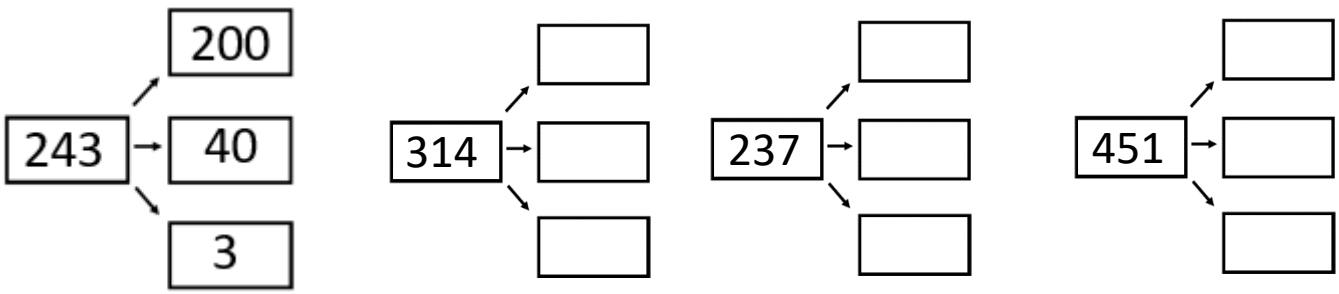
We also have a new 'Home Learning Gallery' section on our website where your fantastic work can be displayed.

Challenge



Now you have partitioned your numbers using household objects can you partition them using a part whole model? Look at the below example.

Draw and fill the part-whole model in your workbook.



Lesson 3

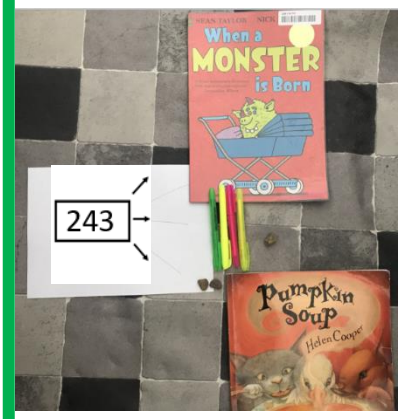
Learning Objective: To be able to represent a 3-digit number in different ways.

Today you will be using the same household objects that you used yesterday to partition 3-digit numbers. Today you will be partitioning a 3-digit number in different ways. Please see how I have partitioned 243 in four different ways in the pictures below.

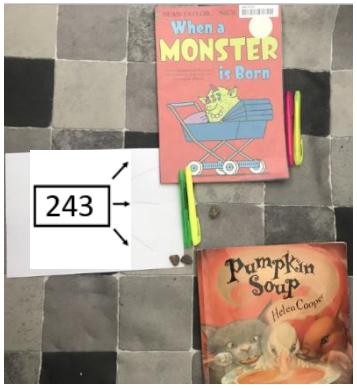
Partition means to share a number into parts.

243 → 200, 40, 3

243 → 200, 41, 2



243 → 100, 41, 102



243 → 120, 21, 102

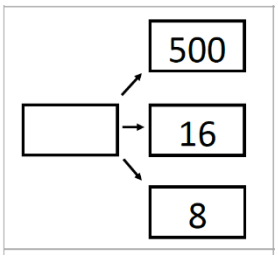
Using your objects around the house, how many different ways can you partition 325?

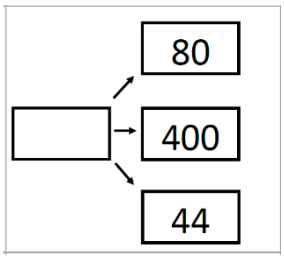
Challenge

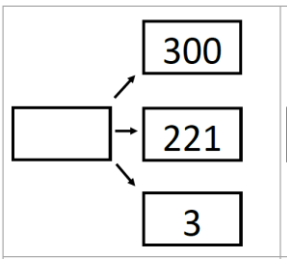
The 3-digit numbers have been partitioned into parts on a part-whole model.

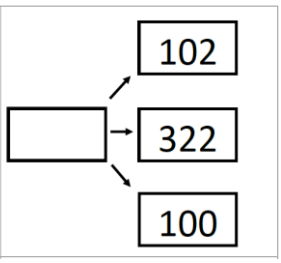
Can you work out what the whole is?

Answer



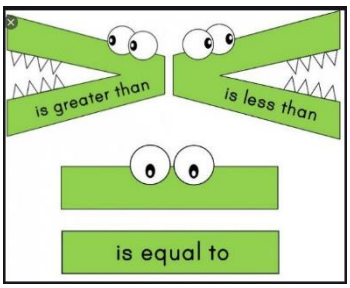






Lesson 4

Learning Objective: To compare numbers within 1000 using >,< and =.



Today you will be comparing numbers using the greater than, less than and equals sign.

When comparing 3-digit numbers remember to look at the hundreds column first, then the tens and then The ones.

For example 342 > 331

347 ☐ 163

127 ☐ 254

877 ☐ 124

523 ☐ 392

147 ☐ 741

627 ☐ 354

187 ☐ 187

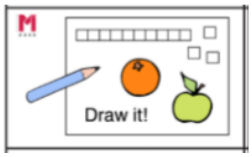
323 ☐ 543

Remember the crocodile eats the greatest number!

Challenge

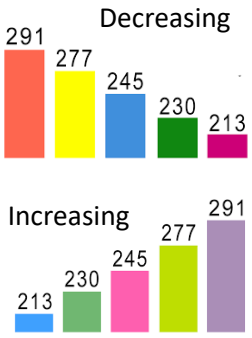
321 > 315. Do you agree?

Draw it to prove your answer.



Lesson 5

Leaning Objective: To order numbers within 1000.



Today you will be ordering numbers within 1000 in either an increasing or decreasing order.

Remember decreasing is when we start with the greatest number and the numbers decrease so get smaller. Increasing is when you start with the smallest number and the numbers increase so they get greater.

Order the numbers in an increasing order.

432 123 785 431 348

Order the numbers in a decreasing order.

791 999 6 432 820 46

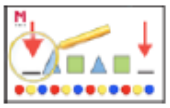
Order the numbers in an increasing order.

222 568 214 175 350

Order the numbers in a decreasing order.

12 5 875 101 987 789

Challenge



Can you complete the sequence?

300 303 306 309 315 ___ ____ ____ ____