Canonbury Home Learning

Year 4 Maths

Steppingstone activity

Lesson 2

LO: To partition into 100s 10s 1s

Success Criteria:

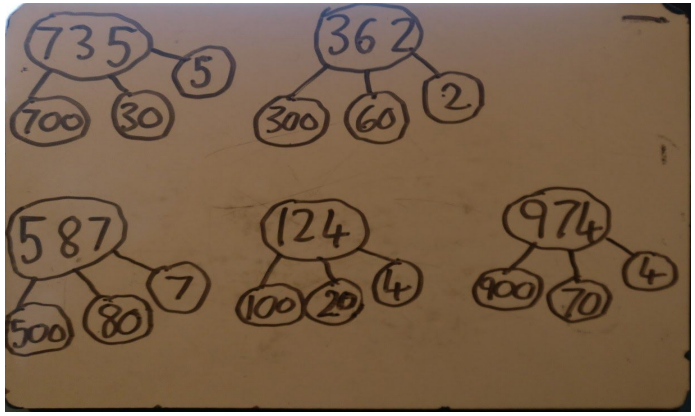
1. **Draw your part whole model**
2. **Write your number**
3. **Partition your 100s**
4. **Partition your 10s**
5. **Partition your 1s**

Model

Now you try…

735 **362** **587** **124** **974**

Answers:



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Year 4 Maths

Lesson 2

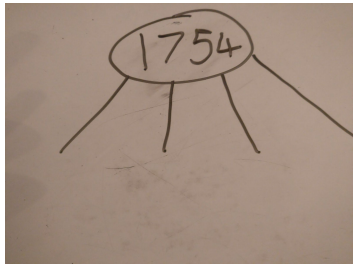
To partition into 1000s 100s 10s 1s

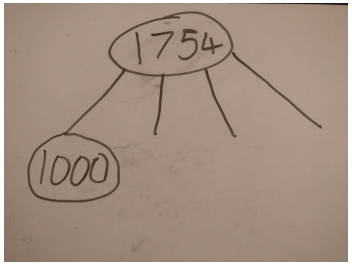
Task:

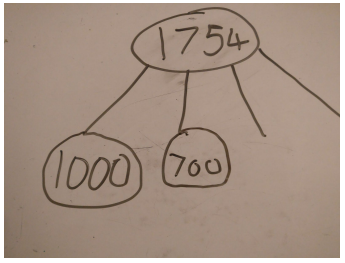
Success Criteria:

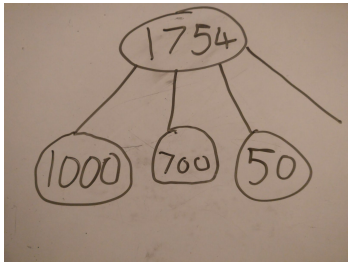
1. Draw your part whole model and write your number
2. Partition your 1000s
3. Partition your 100s
4. Partition your 10s
5. Partition your 1s

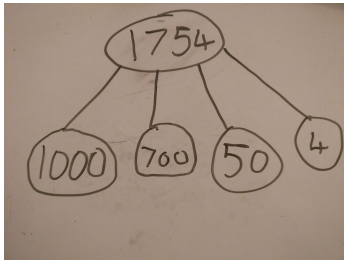
Model:

1. 

2. 

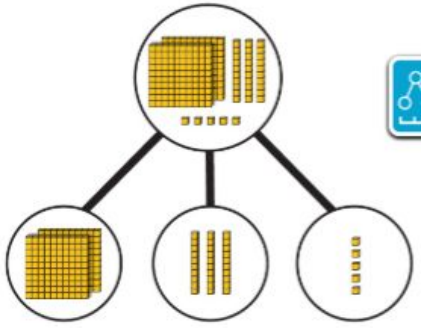
3. 

4. 

5. 

Make sure you partition one value at a time!

Challenge: Can you represent your numbers with base 10 on your part/whole model?



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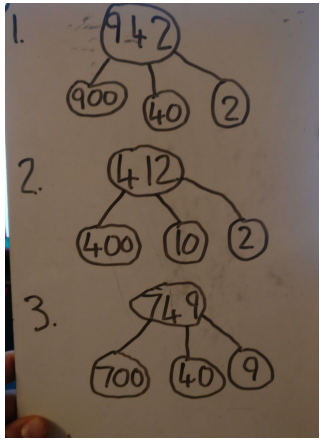
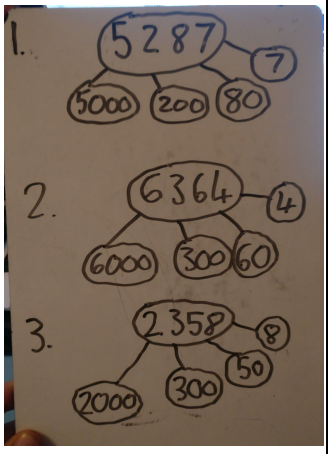
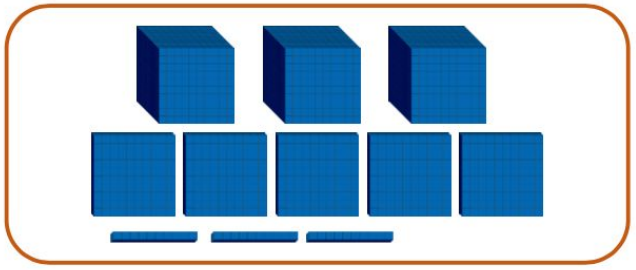
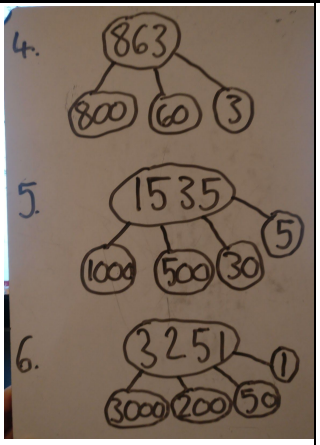
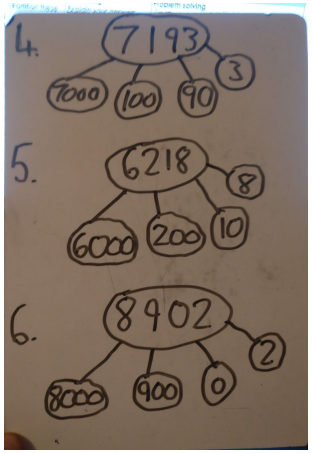
Year 4 Maths

Main activity

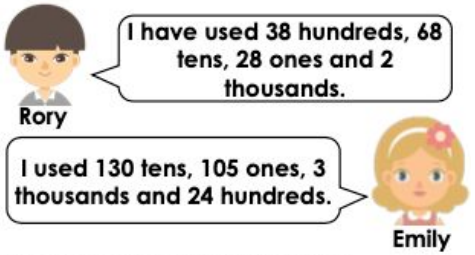
Complete at least 2 columns, more if you can!

Task 1	Task 2	Task 3	Task 4
Practice **Partition these numbers using the part/whole model:** **Answers:**  	**Practice** **Partition these numbers using the part/whole model:** **Answers:**  	**Reasoning** **Explain your answers.** 4a. Blake says,  These are the only two ways to partition 2,923. 2,000 + 900 + 20 + 3 1,000 + 1,900 + 10 + 13 Prove Blake wrong by finding two more different ways to partition the number. **Various answers, for example:** **2 thousands + 9 hundreds + 1 ten + 13 ones; 2 thousands + 91 tens + 3 ones;** **1 thousand + 1 thousand + 9 hundreds + 1 ten + 13 ones.**	**Problem solving** 1. Mrs Williams has dropped some Base 10 under her bookshelf. She knows that she has 5,675 in total when all the pieces are together. The pieces below are left in Mrs Williams' box after she has dropped the rest.   If Mrs Williams knows that fewer than 50 pieces are missing, investigate the different pieces of Base 10 that could be under the bookshelf. **Various answers, for example: 2 lots of 1,000; 1 lot of 100; 4 lots of 10; 5 lots of 1**





8a. These children are making the number 6,805.



Who has partitioned the number correctly? Explain why.

Emily is correct because 3 thousands + 24 hundreds + 130 tens + 105 ones = 6,805. Rory has made 6,508.