

Canonbury Home Learning
Year 4 Maths
Steppingstone activity



Lesson 1

LO: To identify 100s, 10s, 1s

Success Criteria:

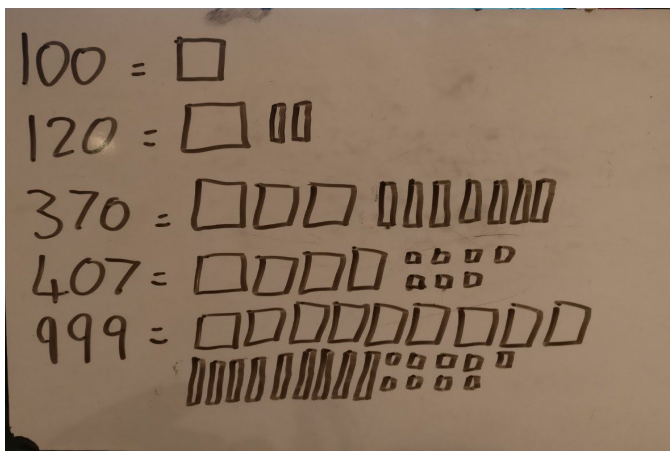
1. Write down the number
2. Use base 10 to draw the value of the 100s
3. Use base 10 to draw the value of the 10s
4. Use base 10 to draw the value of the 1s

Model

Now you try...

100 120 370 407 999

Answers



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Lesson 1

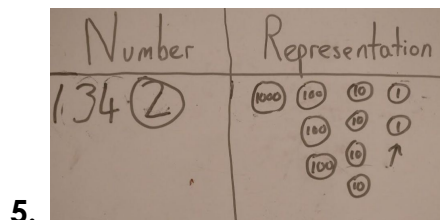
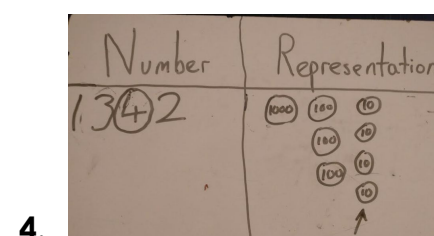
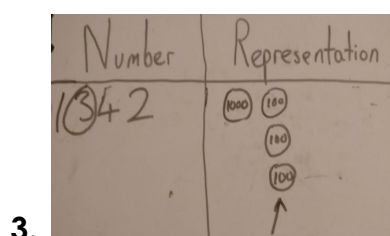
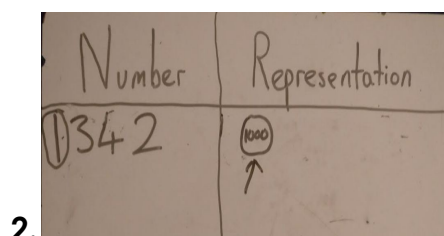
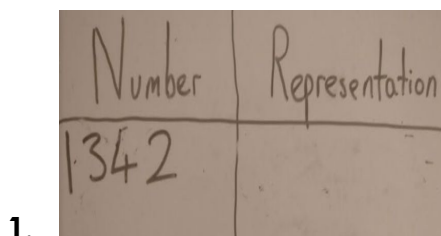
LO: To identify 1000s, 100s, 10s, 1s

Task:

Success Criteria:

1. Write down the number
2. Use place value counters to draw the value of the 1000s
3. Use place value counters to draw the value of the 100s
4. Use place value counters to draw the value of the 10s
5. Use place value counters to draw the value of the 1s

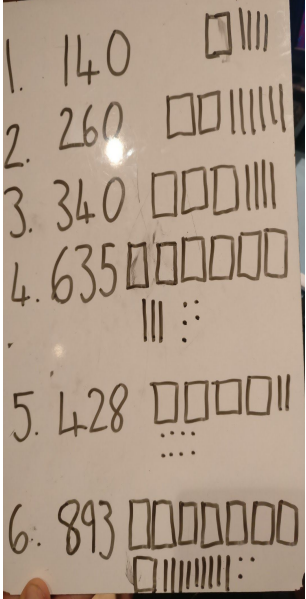
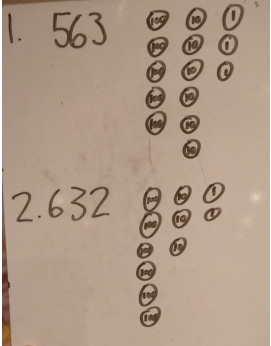



Model:

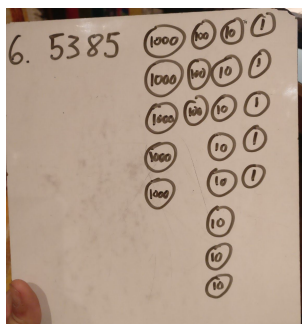
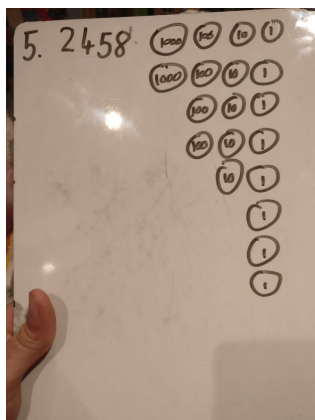
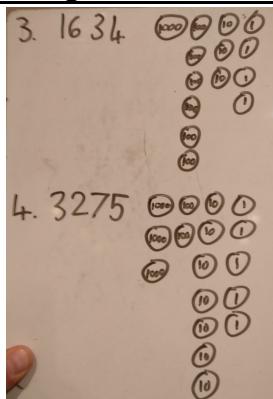


Year 4 Maths

Main activity

Complete at least 2 columns, more if you can!

Task 1	Task 2	Task 3	Task 4																																											
<p>Practice Have a go at these numbers. Represent them using base 10:</p> <p>Answers:</p> 	<p>Practice Have a go at these numbers. Represent them using place value counters:</p> <p>Answers:</p> 	<p>Reasoning Explain your answers.</p> <p>2b. Chen and Kim are discussing place value.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Chen The number shown is 8,217. </div> <div style="text-align: center;">  Kim No, the number shown is 8,271. </div> </div> <div style="text-align: center; margin-top: 20px;">  </div> <p>Who is correct? Explain your answer.</p> <p>Kim is correct as the Base 10 shows 8 thousands, 2 hundreds, 7 tens and 1 one which makes 8,271.</p>	<p>Problem solving</p> <p>1. Draw a possible pathway through space for the astronaut. Planets are neutral zones.</p> <p>Various answers, for example: $500 + 10 + 1,000 + 1,100 - 1,000 - 10 + 1,000 - 1,000 + 10 = 1,610$</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td></td> <td></td> <td></td> <td></td> <td> END</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> START</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <table border="1" style="width: 100%; text-align: center; margin-top: 20px;"> <thead> <tr> <th colspan="2">KEY</th> </tr> </thead> <tbody> <tr> <td></td> <td>+ 1,000</td> </tr> <tr> <td></td> <td>- 1,000</td> </tr> <tr> <td></td> <td>+ 100</td> </tr> <tr> <td></td> <td>- 100</td> </tr> <tr> <td></td> <td>+ 10</td> </tr> <tr> <td></td> <td>- 10</td> </tr> <tr> <td></td> <td>+ 1,100</td> </tr> <tr> <td></td> <td>+ 500</td> </tr> </tbody> </table>					END																START					KEY			+ 1,000		- 1,000		+ 100		- 100		+ 10		- 10		+ 1,100		+ 500
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5a. Fatima and Mo are discussing place value.



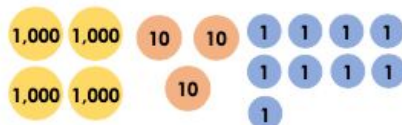
Fatima

The number shown is 4,039.



Mo

No, the number shown is 4,390.



Who is correct? Explain your answer.

Fatima is correct as the counters show 4 thousands, 3 tens and 9 ones which makes 4,039.