

Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Division: $HTO \div O$ using the formal written method

Use the formal written method to calculate  $HTO \div O$

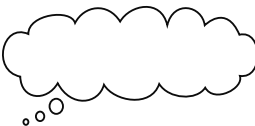
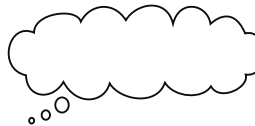
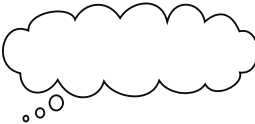
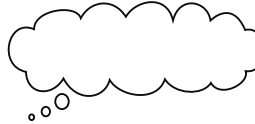


Challenge

**1** Write the multiples of 100 that each number comes between. Circle the multiple of 100 each number is closest to. The first one has been done for you.

<u>300</u>	325	400			831	
	778				550	
	634				987	

Challenge

**2** Work out the answer to each division calculation using the formal written method. Estimate the answer to each calculation first.

<p><b>1</b> <math>464 \div 4</math></p> <p>Estimate:</p>  <table border="1" style="margin-left: 100px;"> <tr><td></td><td>H</td><td>T</td><td>O</td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td>4</td><td>6</td><td>4</td></tr> </table>		H	T	O					4	4	6	4	<p><b>2</b> <math>768 \div 6</math></p> <p>Estimate:</p>  <table border="1" style="margin-left: 100px;"> <tr><td></td><td>H</td><td>T</td><td>O</td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td>7</td><td>6</td><td>8</td></tr> </table>		H	T	O					6	7	6	8
	H	T	O																						
4	4	6	4																						
	H	T	O																						
6	7	6	8																						
<p><b>3</b> <math>975 \div 5</math></p> <p>Estimate:</p>  <table border="1" style="margin-left: 100px;"> <tr><td></td><td>H</td><td>T</td><td>O</td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td>9</td><td>7</td><td>5</td></tr> </table>		H	T	O					5	9	7	5	<p><b>4</b> <math>784 \div 7</math></p> <p>Estimate:</p>  <table border="1" style="margin-left: 100px;"> <tr><td></td><td>H</td><td>T</td><td>O</td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td>7</td><td>8</td><td>4</td></tr> </table>		H	T	O					7	7	8	4
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<p><b>5</b> <math>387 \div 9</math></p> <p>Estimate:</p>  <table border="1" style="margin-left: 100px;"> <tr><td></td><td>H</td><td>T</td><td>O</td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td>3</td><td>8</td><td>7</td></tr> </table>		H	T	O					9	3	8	7	<p><b>6</b> <math>684 \div 9</math></p> <p>Estimate:</p>  <table border="1" style="margin-left: 100px;"> <tr><td></td><td>H</td><td>T</td><td>O</td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td>6</td><td>8</td><td>4</td></tr> </table>		H	T	O					9	6	8	4
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9	6	8	4																						

Challenge

**3** Choose three calculations from Challenge 2 and on the back of this sheet write a word problem for each.



Choose two of your calculations from Challenge 2. Explain to an adult how you can use the inverse operation of multiplication to check if your answer is correct. Write your calculations on the back of this sheet.