



**CITIUS**

# Numbering System and Number Operations

**WORKSHEET 1**

Theme	<b>Numbering System and Number Operations</b>
Question 1	<p>What is the successor of the largest 4-digit number?</p> <ul style="list-style-type: none"><li>• 999</li><li>• 1,000</li><li>• 9,999</li><li>• 10,000</li></ul>
Question 2	<p>What is obtained when the predecessor and the successor of 199 are added?</p> <ul style="list-style-type: none"><li>• 299</li><li>• 397</li><li>• 398</li><li>• 499</li></ul>
Question 3	<p>Three times a number is 1233. What is the number?</p> <ul style="list-style-type: none"><li>• 401</li><li>• 311</li><li>• 411</li><li>• 3699</li></ul>

Question 4	<p>What is the difference between the smallest five-digit number and the largest three-digit number?</p> <ul style="list-style-type: none"> <li>• 999</li> <li>• 100</li> <li>• 1,001</li> <li>• 9,001</li> </ul>
Question 5	<p>What is the remainder when the greatest 3-digit even number is divided by 8?</p> <ul style="list-style-type: none"> <li>• 2</li> <li>• 4</li> <li>• 6</li> <li>• 8</li> </ul>
Question 6	<p>What is the Roman numeral for 99?</p> <ul style="list-style-type: none"> <li>• XXXXLVIII</li> <li>• XCIX</li> <li>• XCVIII</li> <li>• XXXXLIX</li> </ul>
Question 7	<p>Which of these is equal to 11,211?</p> <ul style="list-style-type: none"> <li>• <math>11 \times 1001</math></li> <li>• <math>101 \times 101</math></li> <li>• <math>1111 \times 11</math></li> <li>• <math>101 \times 111</math></li> </ul>

Question 8	<p>How much is 8,999 rounded off to the nearest hundreds place?</p> <ul style="list-style-type: none"> <li>• 8,000</li> <li>• 9,000</li> <li>• 8,900</li> <li>• 8,990</li> </ul>
Question 9	<p><math>38 + 12 - 10</math> is equal to:</p> <ul style="list-style-type: none"> <li>• <math>38 - 12 + 10</math></li> <li>• <math>38 + 12 + 10</math></li> <li>• <math>38 - 10 + 12</math></li> <li>• <math>38 - 10 - 12</math></li> </ul>
Question 10	<p>Which of these letters cannot be repeated while writing Roman numerals?</p> <ul style="list-style-type: none"> <li>• X</li> <li>• D</li> <li>• M</li> <li>• C</li> </ul>

- x -

## Answers

Answer 1	10,000
Answer 2	398
Answer 3	411
Answer 4	9,001
Answer 5	6
Answer 6	XCIX
Answer 7	$101 \times 111$
Answer 8	9,000
Answer 9	$38 - 10 + 12$
Answer 10	D