

# Problem Solving: Using Logic

Use these clues with a hundred chart to find the mystery number.

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<p>1. It is greater than 30. It is less than 40. Its digits are the same.</p> <p>Mystery Number _____</p>	<p>2. It is greater than 10. It is less than 20. It is an odd number. The difference of its digits is 0.</p> <p>Mystery Number _____</p>
<p>3. It is less than 100. Its digits are the same. It is an odd number. The sum of its digits is 14.</p> <p>Mystery Number _____</p>	<p>4. It is more than 70. It is less than 80. It is an even number. The sum of its digits is less than 10.</p> <p>Mystery Number _____</p>
<p>5. It is greater than 40. It is less than 50. It is an even number. Its digits are the same.</p> <p>Mystery Number _____</p>	<p>6. It is less than 100. Its ones digit is 0. It is a landing point when you skip count by 3's and by 4's.</p> <p>Mystery Number _____</p>
<p>7. It is greater than 40. It is less than 100. Its digits are the same. The sum of its digits is less than 10.</p> <p>Mystery Number _____</p>	<p>8. It is greater than 20. It is less than 50. It is a landing point when you skip count by 7's. The sum of its digits is 10.</p> <p>Mystery Number _____</p>
<p>9. Write your own clues for a mystery number.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Mystery Number _____</p>	<p>10. Write your own clues for a mystery number.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Mystery Number _____</p>