



<p>How does sample resolution affect sound quality</p>	<p>What is the hexadecimal representation of the 8-bit binary number 00100100</p>	<p>In binary search, what happens if the search item is lower than the middle item</p>
<p>What is a truth table used for</p>	<p>What is the 8-bit binary representation of the decimal number 245</p>	<p>What is the name of the character set that accommodates various languages of the world</p>

<p><i>How does sample resolution affect sound quality</i></p> <p>Answer: A higher sample resolution means that more data is recorded per sample, resulting in better sound quality.</p>	<p><i>What is the hexadecimal representation of the 8-bit binary number 00100100</i></p> <p>The hexadecimal representation of the 8-bit binary number 00100100 is 24.</p>	<p><i>In binary search, what happens if the search item is lower than the middle item</i></p> <p>The search is narrowed to the first half of the data set.</p>
<p><i>What is a truth table used for</i></p> <p>A truth table is used to work out the different combinations of inputs that a given logic gate could receive and the resulting outputs.</p>	<p><i>What is the 8-bit binary representation of the decimal number 245</i></p> <p>The 8-bit binary representation of the decimal number 245 is 11110101.</p>	<p><i>What is the name of the character set that accommodates various languages of the world</i></p> <p>Answer: The name of the character set that accommodates various languages of the world is UNICODE.</p>