



<p>What is the decimal representation of the 8-bit binary number 10011001</p>	<p>What is clock speed</p>	<p>What is the purpose of the ALU's Arithmetic part</p>
<p>What is a circuit diagram</p>	<p>Can all problems be solved by computational thinking</p>	<p>What does the concatenate method do in string manipulation</p>

<p><i>What is the decimal representation of the 8-bit binary number 10011001</i></p> <p><b>The decimal representation of the 8-bit binary number 10011001 is 153.</b></p>	<p><i>What is clock speed</i></p> <p><b>Answer: Clock speed determines the speed of the Fetch-Decode-Execute cycle and is measured in hertz (Hz).</b></p>	<p><i>What is the purpose of the ALU's Arithmetic part</i></p> <p><b>Answer: To perform calculations on the data.</b></p>
<p><i>What is a circuit diagram</i></p> <p><b>A circuit diagram is a visual representation of a circuit that uses symbols to represent components, such as logic gates and wires.</b></p>	<p><i>Can all problems be solved by computational thinking</i></p> <p><b>No, not all problems can be solved by computational thinking. Some problems require human intuition or creativity that cannot be replicated by a computer.</b></p>	<p><i>What does the concatenate method do in string manipulation</i></p> <p><b>The concatenate method in string manipulation joins two or more strings together.</b></p>