



<p>What is the purpose of the address bus?</p>	<p>Within Wi-Fi frequency bands, there are different channels that devices can make use of. Why are these channels required?</p>	<p>Explain (using an example) what rootkits are.</p>
<p>What is the purpose of the Simple Mail Transfer Protocol (SMTP)?</p>	<p>Write a TRUTH TABLE for an AND gate.</p>	<p>What is algorithmic thinking?</p>

<p>What is the purpose of the address bus?</p> <p>It communicates memory locations between the CPU and RAM, for data retrieval and storage.</p>	<p>Within Wi-Fi frequency bands, there are different channels that devices can make use of. Why are these channels required?</p> <p>If two devices are sending signals using the same band (e.g. 2.4GHz), they can each use different channels and therefore slightly different frequencies (e.g. 2.41GHz and 2.45GHz), so that they do not suffer from interference with one another.</p>	<p>Explain (using an example) what rootkits are.</p> <p>Rootkits are a form of malware, which contain a set of tools, which once installed, allow a criminal to access your computer at an administrator level.</p>															
<p>What is the purpose of the Simple Mail Transfer Protocol (SMTP)?</p> <p>The Simple Mail Transfer Protocol governs how data is sent between mail servers.</p>	<p>Write a TRUTH TABLE for an AND gate.</p> <table border="1" data-bbox="855 916 1406 1248"> <thead> <tr> <th>A</th> <th>B</th> <th>Q</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	A	B	Q	1	1	1	1	0	0	0	1	0	0	0	0	<p>What is algorithmic thinking?</p> <p>Algorithmic thinking is the process of stating the logic steps required to solve a problem.</p>
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