

	<h1>Cut only the first correct wire</h1>	
Three wires	<pre> graph TD     A[Any RED wires?] -- No --&gt; B[Cut SECOND wire]     A -- Yes --&gt; C[Last wire WHITE?]     C -- Yes --&gt; D[Cut LAST wire]     C -- No --&gt; E[More than one BLUE wire?]     E -- Yes --&gt; F[Cut LAST BLUE wire]     E -- No --&gt; G[Cut LAST wire]           </pre>	
	<h2>Serial number ODD (1, 3, 5, 7, 9)</h2>	<h2>Serial number EVEN (0, 2, 4, 6, 8)</h2>
Four wires	<pre> graph TD     A[How many RED wires?] -- More than one --&gt; B[Cut LAST RED wire]     A -- One --&gt; C[Exactly one BLUE wire?]     A -- Zero --&gt; D[Last wire YELLOW?]     C -- Yes --&gt; E[Cut FIRST wire]     C -- No --&gt; F[More than one YELLOW wire?]     F -- Yes --&gt; G[Cut LAST wire]     F -- No --&gt; H[Cut SECOND wire]     D -- Yes --&gt; E     D -- No --&gt; C           </pre>	<pre> graph TD     A[Any RED wires?] -- No --&gt; B[Last wire YELLOW?]     A -- Yes --&gt; C[Exactly one BLUE wire?]     B -- Yes --&gt; D[Cut FIRST wire]     B -- No --&gt; C     C -- Yes --&gt; D     C -- No --&gt; E[More than one YELLOW wire?]     E -- Yes --&gt; F[Cut LAST wire]     E -- No --&gt; G[Cut SECOND wire]           </pre>
Five wires	<pre> graph TD     A[Last wire BLACK?] -- Yes --&gt; B[Cut FOURTH wire]     A -- No --&gt; C[More than one YELLOW wire?]     C -- Yes --&gt; D[Exactly one RED?]     C -- No --&gt; E[Any BLACK wires?]     D -- Yes --&gt; F[Cut FIRST wire]     D -- No --&gt; E     E -- Yes --&gt; F     E -- No --&gt; G[Cut SECOND wire]           </pre>	<pre> graph TD     A[More than one YELLOW wire?] -- Yes --&gt; B[Exactly one RED?]     A -- No --&gt; C[Any BLACK wires?]     B -- Yes --&gt; D[Cut FIRST wire]     B -- No --&gt; C     C -- Yes --&gt; D     C -- No --&gt; E[Cut SECOND wire]           </pre>
Six wires	<pre> graph TD     A[How many YELLOW wires?] -- Zero --&gt; B[Cut THIRD wire]     A -- One --&gt; C[More than one WHITE wire?]     A -- More than one --&gt; D[Any RED wires?]     C -- Yes --&gt; E[Cut FOURTH wire]     C -- No --&gt; D     D -- Yes --&gt; E     D -- No --&gt; F[Cut LAST wire]           </pre>	<pre> graph TD     A[Exactly one YELLOW wire?] -- Yes --&gt; B[More than one WHITE wire?]     A -- No --&gt; C[Any RED wires?]     B -- Yes --&gt; D[Cut FOURTH wire]     B -- No --&gt; C     C -- Yes --&gt; D     C -- No --&gt; E[Cut LAST wire]           </pre>