

<p><b>1a.</b> Karnaugh Map</p>	<p><b>1b.</b> Minimal sum of products expression:</p> $F(A,B,C,D) =$
<p><b>2.</b> Encoder</p>	<p><b>3.</b> Switching Network (it fits here!)</p>
<p><b>4.</b> Draw circuits on next page, text answers here.</p> <p><b>4b.</b> Result =</p> <p><b>4e.</b> (Brief!)</p>	<p><b>4c(i)</b> Sign bit of A-B gives <b>correct result</b> for <math>A &lt; B</math>. Example:</p> $A = \quad \quad B =$ <p><b>4c(ii)</b> Sign bit of A-B gives <b>incorrect result</b> for <math>A &lt; B</math>. Example:</p> $A = \quad \quad B =$ <p>Reason:</p>

