

# EXTENDED-RESPONSE RUBRIC WITH NOTES: STRATEGIC KNOWLEDGE

<b>STRATEGIC KNOWLEDGE:</b>  Identification and use of important elements of the problem that represent and integrate concepts which yield the solution (e.g., models, diagrams, symbols, algorithms).		<b><u>Notes- Important Elements</u></b>  [Use this space and the space at each score point to further define the expectations of strategy necessary to solve the problem.]
<b><u>Score Level</u></b>	<b><u>Description</u></b>	<b><u>Notes</u></b>
<b>4</b>	<ul style="list-style-type: none"> <li>identifies all important elements of the problem <u>and</u> shows complete understanding of the relationships among elements</li> <li>shows complete evidence of an appropriate strategy that would correctly solve the problem</li> </ul>	The response demonstrates the following:
<b>3</b>	<ul style="list-style-type: none"> <li>identifies most important elements of the problem and shows a general understanding of the relationships among them</li> <li>shows nearly complete evidence of an appropriate strategy for solving the problem</li> </ul>	The response demonstrates the following:
<b>2</b>	<ul style="list-style-type: none"> <li>identifies some important elements of the problem but shows only limited understanding of the relationships among them</li> <li>shows some evidence of a strategy for solving the problem</li> </ul>	The response demonstrates the following:
<b>1</b>	<ul style="list-style-type: none"> <li>fails to identify important elements or places too much emphasis on unrelated elements</li> <li>reflects an inappropriate strategy for solving the problem; strategy may be difficult to identify</li> </ul>	The response demonstrates the following:
<b>0</b>	<ul style="list-style-type: none"> <li>no apparent strategy</li> </ul>	