

## Student Guide for POW 9: Around the Horn

	Max Score	Score
<b>1. PROBLEM STATEMENT (10 pts)</b>		
a. Restate the situation of the POW in your own words	<b>4</b>	
b. Restate the specific question in your own words	<b>2</b>	
c. Statement of any assumptions required to answer the question	<b>4</b>	
<b>2. PROCESS (16 pts)</b>		
a. Describe your initial ideas concerning the question	<b>2</b>	
b. Describe all the methods you tried before reaching your solution	<b>3</b>	
c. Describe the process that lead to your solution	<b>3</b>	
d. Provide all diagrams and sketches	<b>2</b>	
e. Describe all materials used and their purposes	<b>2</b>	
f. Describe any problems you had, and how you solved them	<b>2</b>	
g. Describe all assistance provided and how it helped you	<b>2</b>	
<b>3. SOLUTION (8 pts)</b>		
a. State the solution	<b>2</b>	
b. Describe why your solution(s) is correct, include all supporting data	<b>6</b>	
<b>4. EXTENSIONS (4 pts)</b>		
a. Create variations or extensions for the problem	<b>4</b>	
<b>5. EVALUATION (8pts)</b>		
a. On a scale of 1-5 (1-least and 5-most) how well did you understand the problem, explain	<b>4</b>	
b. On a scale of 1-5 (1-least and 5 most) how well did you explain your thinking	<b>2</b>	
c. On a scale of 1-5 (1-least and 5 most) how would you rate all of your work for this POW	<b>2</b>	
<b>6. SELF-ASSESSMENT (8 pts)</b>		
a. Grade and justify your work using a self-assessment scoring rubric	<b>4</b>	
<b>TOTAL SCORE</b>	<b>50</b>	

COMMENTS: