

<b>PROBLEM STATEMENT (6 pts)</b>	<b>Max Score</b>	<b>Score</b>
a. Restate the situation of the POW in your own words	<b>4</b>	
b. Restate the specific tasks in your own words	<b>2</b>	
<b>PROCESS (4 pts)</b>		
a. Describe the method you selected and used to carry out all of your experiments	<b>4</b>	
<b>RESULTS (24 pts)</b>		
a. Describe your initial ideas on which strategy will give the highest probability of correctly predicting “what’s on back”, explain	<b>2</b>	
b. Describe all the strategies you tested	<b>4</b>	
c. Statement of experimental results for each strategy 4	<b>4</b>	
d. Describe the theoretical analysis that explains the probability of “correctly predicting” the results of each strategy	<b>4</b>	
e. A comparison of experimental results for each strategy to the predicted (theoretical) values	<b>2</b>	
f. Provide all diagrams and sketches	<b>2</b>	
g. Describe all materials used and their purposes	<b>2</b>	
h. Describe any problems you had, and how you solved them	<b>2</b>	
i. Describe all assistance provided and how it helped you	<b>2</b>	
<b>EVALUATION (8pts)</b>		
a. State the difficulty level of the problem (scale of 1-10), explain	<b>2</b>	
b. Describe your personal reaction/opinion to the problem	<b>2</b>	
c. Identify the best/worst parts of the problem 2	<b>2</b>	
d. Describe how the problem could have been made better for you 2	<b>2</b>	
<b>SELF-ASSESSMENT (8 pts)</b>		
a. Write a one paragraph summary of “what you learned from the problem”	<b>4</b>	
b. Grade and Justify your work using a self-assessment scoring rubric	<b>4</b>	
<b>TOTAL SCORE</b>	<b>50</b>	

### Scoring Sheet for POW 5: What’s on Back

**COMMENTS:**