

PROBLEM STATEMENT (2 pts)	Max Score	Score
a. Restate the tasks in your own words	2	
PROCESS (6 pts)		
a. Describe your thought process in trying to understand the original game and develop a strategy	4	
b. Description of “key insights” that were important in understanding the game	2	
STRATEGIES (16 pts)		
a. Describe the strategy you developed for the original game	4	
b. Describe variations you tested and their strategies	4	
c. Provide all diagrams and sketches	2	
d. Describe all materials used and their purposes	2	
e. Describe any problems you had, and how you solved them	2	
f. Describe all assistance provided and how it helped you	2	
GENERALIZATIONS (10 pts)		
a. Description of general principals involved in deciding whether to go first or second when considering the “ <i>initial number</i> ” and the “ <i>maximum per turn</i> ”	4	
b. Description of other general principals developed about the variations of Linear Nim	6	
EVALUATION (8pts)		
a. State the difficulty level of the POW (scale of 1-10), explain	2	
b. Describe your personal reaction/opinion to the POW	2	
c. Identify the best/worst parts of the POW	2	
d. Describe how the problem could have been made better for you	2	
SELF-ASSESSMENT (8 pts)		
a. Write a one paragraph summary of “what you learned from Linear Nim”	4	
b. Grade and Justify your work using a self-assessment scoring rubric	4	
TOTAL SCORE	50	

Scoring Sheet for POW 6: Linear Nim

COMMENTS: