

Scoring Guide for POW 13: Shuttling Around

	MAX SCORE	SCORE
1. PROBLEM STATEMENT (6 pts)		
a. Restate the situation of the POW in your own words	4	
b. Restate the task in your own words	2	
2. PROCESS (22 pts)		
a. Describe how the original puzzle can be solved	4	
b. Describe how more than one solution can be found for the original puzzle	2	
c. Prove (If-Then) your lowest value is the minimum number of moves required to solve the original puzzle	2	
d. Describe how other puzzles in the set can be solved	4	
e. Describe how more than one solution can be found for each new puzzle in the set	4	
f. Prove (If-Then) your lowest value is the minimum number of moves required to solve each new puzzle in the puzzle set (extra-credit)	2	
g. Provide all diagrams and sketches	2	
h. Describe any problems you had, and how you solved them	2	
3. CONCLUSIONS (6 pts)		
a. State the conclusions you reached	2	
b. Prove conclusions or label them as conjectures	2	
c. State questions you did not have time to investigate	2	
4. EVALUATION (8 pts)		
a. State the difficulty level of the problem (scale of 1-10), explain	2	
b. Identify the best/worst parts of the problem	2	
c. Write a one paragraph summary of “what you learned from the problem”	4	
4. SELF-ASSESSMENT (8 pts)		
a. Grade and Justify your work using a self-assessment scoring rubric	4	
b. Write a one paragraph summary that identifies your weakest areas in this POW and describe the problems you had or the reasons you become “stuck” in these areas	4	
TOTAL SCORE		

COMMENTS: