

Scoring Guide for POW 12: Kick It!

	MAX SCORE	SCORE
1. PROBLEM STATEMENT (6 pts)		
a. Restate the story of the POW in your own words	4	
b. Restate the questions in your own words	2	
2. PROCESS (14 pts)		
a. Describe your initial ideas concerning the questions, explain	2	
b. Describe how you worked on the questions	6	
c. Provide all diagrams and sketches	2	
d. Describe any problems you had, and how you solved them	2	
e. Describe all assistance provided and how it helped you	2	
3. CONCLUSIONS (12 pts)		
A1. State the highest impossible score for the Free Thinkers' scoring system and prove it is impossible	2	
A2. Prove that there are higher possible scores than stated in 3a	2	
B1. Describe results obtained for other scoring systems	4	
B2. Describe any general ideas or patterns you found that apply to all scoring systems	2	
B3. Prove your ideas/patterns apply in all cases (in general)	2	
4. EVALUATION (10 pts)		
a. State the difficulty level of the problem (scale of 1-10), explain	2	
b. Describe your personal reaction/opinion to the problem	2	
c. Identify the best/worst parts of the problem	2	
d. Write a one paragraph summary of "what you learned from the problem"	4	
5. 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	50	