

## Scoring Sheet for POW 4: A Sticky Gum Problem

	Max Score	Score
<b>PROBLEM STATEMENT (3 pts)</b>		
a. Describe your initial ideas concerning the problems 1, 2, and 3	3	
<b>QUESTIONS #1 (9pts)</b>		
a. Describe the process that lead to your solution	3	
b. Provide all diagrams and sketches	2	
c. Describe why your solution is correct	4	
<b>QUESTIONS #2 (9pts)</b>		
a. Describe the process that lead to your solution	3	
b. Provide all diagrams and sketches	2	
c. Describe why your solution is correct	4	
<b>QUESTIONS #3 (9pts)</b>		
a. Describe the process that lead to your solution	3	
b. Provide all diagrams and sketches	2	
c. Describe why your solution is correct	4	
<b>MADE-UP PROBLEMS &amp; THEIR SOLUTIONS (16 pts)</b>		
a. Describe the problems you made up	2	
b. Explain how to solve each of the problems	4	
c. Explain how you organized your information	2	
d. Describe patterns that you found	2	
e. Describe the generalizations you found and provide supporting examples	4	
f. Describe any conjectures you have about the general problem	2	
<b>SELF-ASSESSMENT (4 pts)</b>		
a. Grade and Justify your work using a self-assessment scoring rubric	4	
<b>TOTAL SCORE</b>	<b>50</b>	

COMMENTS: