

## Scoring Sheet for POW 15: Twelve Bags of Gold

	Max Score	Score
<b>1. PROBLEM STATEMENT (6 pts)</b>		
a. Restate the story of the POW in your own words	<b>4</b>	
b. Restate the questions in your own words	<b>2</b>	
<b>2. PROCESS (18 pts)</b>		
a. Describe your initial ideas concerning the questions	<b>2</b>	
b. Describe all the methods you tried before reaching your final solution	<b>4</b>	
c. Describe how you tested your solution to make certain it is the best one, include all supporting data and diagrams	<b>4</b>	
d. Provide all diagrams and sketches that show how you kept track of the various weighings	<b>2</b>	
e. Describe all materials used and their purposes	<b>2</b>	
f. Describe any problems you had, and how you solved them	<b>2</b>	
g. Describe all assistance provided and how it helped you	<b>2</b>	
<b>3. SOLUTION (10 pts)</b>		
a. State your “best solution”	<b>2</b>	
b. Describe the process that led to your “best solution”	<b>4</b>	
c. Describe situations for which your solution works and does not work, include all supporting data and diagrams	<b>4</b>	
<b>4. 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	<b>2</b>	
d. Describe how the problem could have been made better for you	<b>2</b>	
<b>5. 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>

COMMENTS: