**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Hr: \_\_\_\_\_\_\_ Assign. # 6**

**Problem Definition and Rating Sheet**

|  |
| --- |
| **Problem Statement** |
| **What is the best after school snack?** |

|  |
| --- |
| **Characteristics that the Solution Must Have** |
| **Must be Halal** | **No Peanuts** | **No Cherries** |

|  |  |
| --- | --- |
| **Desirable Characteristics that we would like the solution to have** | **Ratings** |
| **0** | **1** | **2** |
| **Saltiness** | **No Salt At All** | **Super Salty** | **Perfectly Salty** |
| **Spiciness** | **Not Spicy At All** | **Kinda Spicy** | **“Hot” / Spicy** |
| **Crunchiness** | **Soggy :(** | **Chewy?** | **Crunchy :)** |

**Decision Matrix EXAMPLE - GET DATA FROM GROUP**

|  |  |  |
| --- | --- | --- |
| **Characteristics of A Good Snack** | **Importance Value** | **Possible Solutions** |
| 1. **Hot chips**
 | **B) Cheez Its** | **C) Chocolate** |
| **Rating** | **Score** | **Rating** | **Score** | **Rating** | **Score** |
| **Saltiness** | **2** | **2** | **4** | **2** | **4** | **0** | **0** |
| **Spiciness** | **5** | **2** | **10** | **1** | **5** | **0** | **0** |
| **Crunchiness** | **3** | **2** | **6** | **0** |  | **1** |  |
|  | **Totals** |  | **20** |  |  |  |  |

**Which solution best addresses your problem? Why?**

**WRITE / ANSWER THESE QUESTIONS
ON THE BACK OF YOUR #6 PAGE**

1. **Why do you think you came to the decision you did?**
2. **How did the decision matrix help you to make decisions?**
3. **Were the scores of each snack the same between groups that choose the same snacks? Why or Why Not?**

**PLACE IN TURN IN BIN WHEN YOU ARE FINISHED :)**