Statistics Unit Introduction:
How do you decide "Who's the Best"???

I will provide you with some data from my track and field athletes, specifically my shot put throwers. You will be required to complete a statistical analysis of the data to determine which thrower is the "best" thrower on the team.

PART 1 - STATISTICAL ANALYSIS

You and your partner need to figure out some way to "analyze" the following data so that you can make a decision as to who my "best thrower" is. You and your partner also need to find some way to visually represent the data, one that you can use to "back-up" your results of your analysis.

PART 2 – DECISION MAKING & JUSTIFYING

Once you have completed your statistical analysis, you must make a decision as to which thrower is the best. First, you must decide upon what it means to "be the best" thrower. Then you will tell me who is the best and WHY you think that they are the best (your reasoning must be STATISTICALLY based!)

PART 3 – THE THROWERS' DATA

Thrower #1	8.74	8.94	9.66	10.01	10.01	8.43	10.25	10.14	9.04	9.30	8.69
	8.85	9.25	9.46	10.23	8.95	9.65	8.79	10.62	9.78	9.26	9.39
Thrower #2	10.39	10.86	10.94	9.00	9.15	9.35	9.35	8.25	8.85	8.95	9.10
	10.20	9.53	8.76	8.03	8.96	9.25	9.98	10.82	10.10	8.96	9.68
Thrower #3	8.79	9.39	9.94	11.47	9.72	8.49	9.63	9.49	9.83	8.82	9.24
	9.13	9.56	9.94	9.75	9.12	8.96	8.83	9.25	9.38	9.62	9.98