

Week 4 Project Assignment

Due: September 21, 2011

Please complete all your work (including all steps) on a separate sheet of paper and use this page as coversheet.

Name: _____

Date: _____

Ms EAPEN Period: _____

- 1) Are equations used anywhere in a NCAA College Football game? If **Yes**, list a few examples of where they are used.
- 2) In NCAA College Football, "Passer Rating" (also known as "Passing Efficiency") is a measure of the performance of a quarterback. It allows us to compare different quarterbacks based on their performance. What is the formula that the NCAA uses for the **Passer Rating_{NCAA}**? [Hint: Use your favorite Search engine to search for "Passer Rating NCAA"]
- 3) Look at the Passing statistics from the Texas-BYU football game on September 10, 2011

 Texas Passing					
	C/ATT	YDS	AVG	TD	INT
C. McCoy	7/8	57	7.1	0	0
D. Ash	2/3	35	11.7	0	0
J. Shipley	1/1	23	23.0	0	0
G. Gilbert	2/8	8	1.0	0	2
Team	12/20	123	6.2	0	2

C = Completions, **ATT** = Attempts, **YDS** = Yards, **TD** = Touchdowns, **INT** = Interceptions

Compute the Passer Ratings (using the formula in Q.2) for each individual that attempted a pass and for the team as a whole. Display your result as a table.

- 4) Who was statistically the best quarterback in the Texas-BYU game?