

KING FAHD UNIVERSITY OF PETROLEUM & MINERALS
DEPARTMENT OF MATHEMATICS & STATISTICS
STAT 211.02 Quiz #3

Name: _____ ID #: _____

1) The following table contains data for the miles per gallon of 29 SUV's.

25	25	25	25	23	23	22	22	22	21
20	19	19	19	19	18	18	18	18	17
17	17	16	16	16	16	14	12	10	

- a) What is the median miles per gallon for the 29 SUV's?
- b) What is the mean miles per gallon for the 29 SUV's?
- c) Find the 84th percentile. Explain what it means in the context of the problem.
- d) Draw a box plot and interpret it.