

STATISTICS ARE FUN!!!

1. At a fast food restaurant, the following data were obtained for the number of cups of coffee ordered by each customer during the 7:00-8:00 AM hour on a randomly selected day of the week. Find the mean, median and mode for coffee served in this hour. DATA: 1, 0, 3, 5, 0, 0, 1, 1, 1, 1, 1, 1, 0, 4, 4, 3, 2, 2, 2, 2, 4, 2
2. The number of calories per serving for eight different brands of cereal were recorded. Find the mode. DATA: 110, 113, 116, 118, 118, 121, 130
3. The weight (in pounds) of Army recruits are 180, 201, 220, 191, 219, 209, 186
What is the median of this data set?
4. A small company consists of the owner, the manager, the salesperson, and two technicians, whose salaries are listed. Find the mean, median and mode of the data.

STAFF	SALARY
Owner	\$75,000
Manager	50,000
Salesperson	45,000
Technician	12,000
Technician	12,000

5. The number of jeans owned by several of Ms. Keen's students is 2, 2, 3, 9, 9, 12, 15, 15, 15, 18. Find the variance and standard deviation. Plot each of the ten points on a normal standard deviation curve (using three colors on the curve)