Stats Review

Date

- 1) Measures of Central Tendency: GIVE A "TYPICAL" NUMBER FOR THE DATA
 - * MEAN
 - * AVERAGE: ADD EVERYTHING UP AND DIVIDE BY HOW MANY THOSE ARE.
 - * MEDIAN
 - * MIDDLE: PUT THE NUMBERS IN OFDER & FIND THE MIDDLE (* IF NO MIDDLE TAKE AVERACE OF THE 2
 - * MODE
 - * THE MOST COMMON NOMBER(S)

Find the mode, median, and mean for each data set.

- Hours Slept
 - 8.25 6.25 5.25 8.5
 - 7.25 7 6.75 7.25 7.75

MODE:

MEDIAN'

7.25+7.25 = 14.5

MEAN:

5.25, 6, 6, 25, 6, 15, 7 + 6.75 + 7.25 + 7.75 = 70.25 8, 25, 8, 5

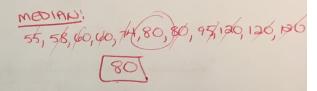
70.25 = [7.025]

2	3	2	2	3	2	3	1

MEAN:

4) Average Time to Maturity

Plant	Days	Plant	Days
Scallion	120	Swiss Chard	60
Honeydew	80	Red Onion	95
Okra	55	Peanut	120
Eggplant	74	Beefsteak Tomato	80
Cucumber	58	Kale	60
Pumpkin	120	Management	



MEAN! 55+58+60+60+74+80+80+95+120 +120+120=922 922=11=83-81

5) Basketball Tournament

School	Appearances
Campbell	1
Trinity	1
Colorado	13
Idaho	4
Texas	32
Western Michigan	4
South Alabama	8
Baylor	9
Michigan	21

more: [44]

MEAN;

$$=\frac{93}{9}$$

- 6) Measures of Spread: DESCRIBES HOW SPREAD OUT THE DATA IS.
 - * RANGE
 - *BIGGEST SMALLEST
 - * QUARTILES
 - * DIVIDES THE DATA INTO 4 EQUAL PARTS.

 PUT THE NUMBERS IN ORDER FIRST! 0, 00 03
 - * INTER-OUARTICE RANGE (IOR)
 - * Q3 Q,

Find the range, lower quartile, upper quartile, and interquartile range for each data set.

7) Injuries Due to Distracted Driving per Month

5,779 5,837 6,134 7,355 7,503 7,888 9,073 9,688 10896 11,122 11,122 11,125

8) Single Family Home Prices

146,600	157,700	131,100	128,800
144,200	136,600	142,800	146,600
152,800	152,900	133 000	

9) Basketball Tournament Champions

School	Times Won
Duke	5
North Carolina	5
Georgetown	1
UTEP	1
Kentucky	8
Arizona	1
Villanova	1
Michigan State	2
Wyoming	1

10) Sales Tax

State	Percent
New Hampshire	0
Massachusetts	6.25
New Jersey	7
Washington	6.5
Oregon	0
Iowa	6
North Carolina	4.75
Wyoming	4
Colorado	2.9

PANGE: 7-0=[7]

$$Q_1: 0+2.9 = 2.9 = [1.45]$$
 $Q_3: 4.75$
 $Q_3: 6.25+6.5 = 12.75 = 6.375$