

Mess. of Central Tend. / Var. 3) Median - Data in order 250 pieces of data $\frac{250}{2} = 125^{4} + 126^{4}$ 271 pieces of data $\frac{271}{2} = 135.5 = 136^{4}$ # 5 Seves Coins Mgan 4 $10 \cdot 10,000 = 100,000$ 10 10,000 8.15,000 = 90,000 15,000 22. 5,000 = 110,000 40 8 5,000 22 300,000 x - 320,040 = 7500 Median = 40 = 207+21 st Data in order: 5000 500 **>2**2 Mode = 5000 (9 <u>(a ov o</u> 5.000

5) Box-and-Whisker Plot
Median =
$$\frac{22}{2} = 11^{1/2} + 12^{1/2}$$

 $\frac{71+83}{2} = 31$
Quartileo: $1 = 5.5 \approx 6^{1/2}$
 $Q = 68$ $Q = 89$
 $Q = 68$ $Q = 89$
 $Q = 5.5 \approx 10^{1/2}$
 $Q = 68$ $Q = 89$
 $Q = 10^{1/2}$
 $Q = 10^{1/2}$





