

# Engineering Statistics - MA223

## Worksheet #1

March 9, 1997- Professor Broughton

Name: \_\_\_\_\_

Box #: \_\_\_\_\_

The age (months), height(inches), weight (pounds), # hours of study, #hours of co-curricular activities will be collected from every student on index cards. This will be our population. Each student will select a random sample of 10 cards from the population and complete the following.

1. Make a chart of the data for your sample.

Case	Card #	Age	height	weight	study	co-curr
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

2. Make a dot diagram of the sample ages, heights and weights of your sample on the lines below.

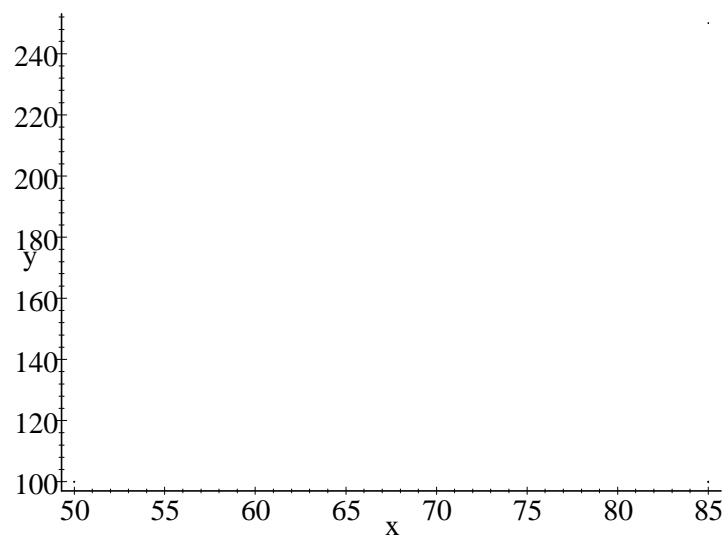
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\_\_\_\_\_

\_\_\_\_\_

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5. Make an  $h - w$  plot of height and weight (weight vertical height horizontal)  
Are there any patterns?.



6. Make histograms based on all the data of the # hours studied and # hours of co-curricular activities.