Presentation of Statistical Data
Exercise

Question 1

A survey was taken on Maple Avenue. In each of **20** homes, people were asked how many cars were registered to their households. The result was recorded as follows:

$$1, 2, 1, 0, 3, 4, 0, 1, 1, 1, 2, 2, 3, 2, 3, 2, 1, 4, 0, 0$$

Construct **ungrouped frequency table** for data.

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Question 2

Data shows the weight of **25** packets of sugar in kilograms. Construct frequency table with **6** class intervals.

1.9	2.9	2.8	1.1	0.5
2.2	2.3	2.3	2.2	1.0
1.6	1.9	0.8	3.2	0.5
2.0	2.7	2.6	2.8	0.8
3.1	2.6	2.9	0.6	3.0

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Size of class

$$= \frac{\quad - \quad}{\quad}$$

$$=$$

$$\cong$$

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Question 3

30 AA batteries were tested to determine how long they would last. The results, to the nearest minute were recorded as follows:

423	411	371	409	431	391	400	415	396	419
369	393	377	392	401	405	381	428	372	386
387	394	389	408	363	382	399	422	410	390

Construct a frequency table using $363 - 372$ as the first class interval.

Number of class

$k =$

$=$

$\cong$

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Question 4

Data shows the length of plant stems grown in cm after their seeds were moved to a new location. Prepare a frequency table for this data.

9.55	7.85	8.45	9.65	8.55
8.65	9.55	10.05	8.95	7.25
9.05	7.55	8.25	10.75	9.05
8.25	10.65	7.25	7.85	7.55
7.75	9.45	8.55	9.35	9.95

Note *No class interval and class interval is given.

Size of class

$= \dfrac{ - }{}$

$=$

$\cong$

Number of class

$k =$

$=$

$\cong$