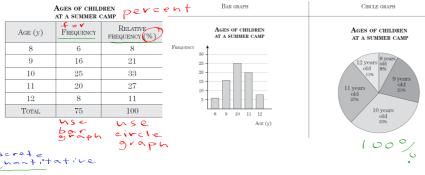
### PART A: DIFFERENTIATING BETWEEN A BAR GRAPH/CIRCLE GRAPH AND A

### HISTOGRAM

Recall:

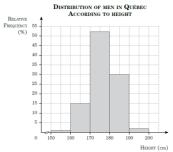
**Example:** Note the following charts and which types of graphs we choose to represent

them.



### DISTRIBUTION OF MEN IN QUÉBEC ACCORDING TO HEIGHT

Неіднт (cm)	Men
[150, 160[	1%
[160, 170[	15%
[170, 180[	52%
[180, 190[	30%
[190, 200[	2%

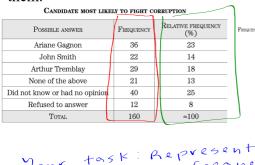


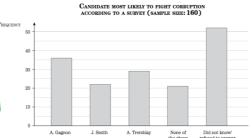
qualitative.
quality
workn

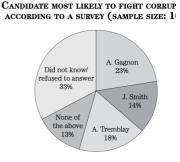
· continuous

quantitative
quantitative
quantitative

# **Example:** Note the following charts and which types of graphs we choose to represent them.

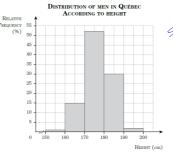




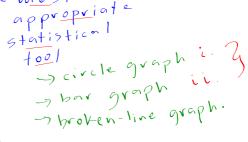


# Distribution of men in Québec According to Height

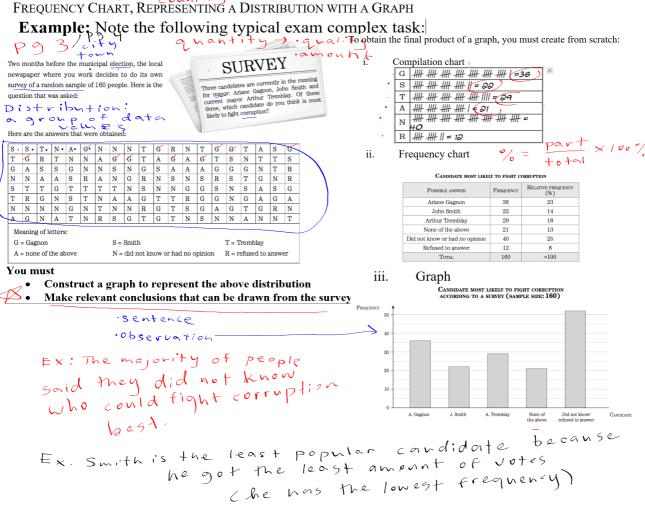
Неіднт (cm)	Men
[150, 160[	1%
[160, 170[	15%
[170, 180[	52%
[180, 190[	30%
[190, 200[	2%

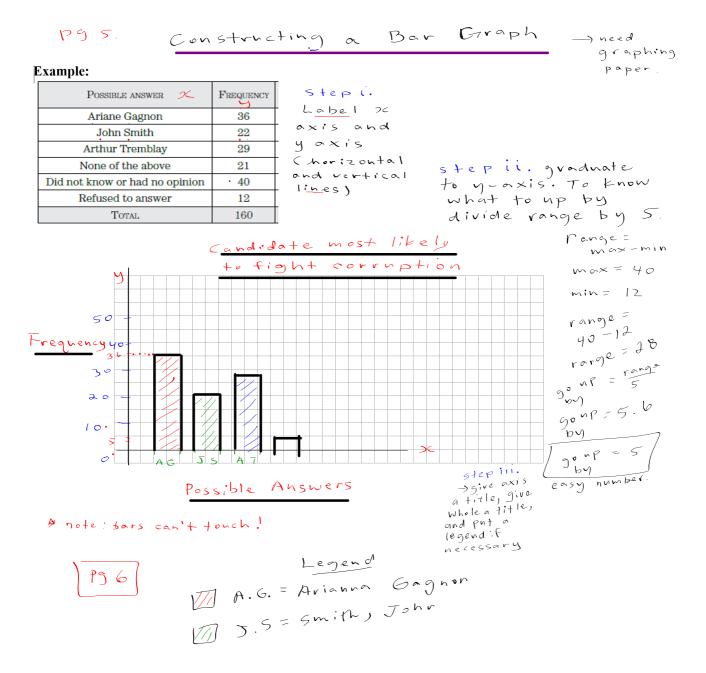


frequency



## PART B: QUANTIFYING A DISTRIBUTION, ORGANIZING A DISTRIBUTION WITH A





 $\bf Question~1:$  Students are polled about which method of transportation they take to arrive to school each day.

The 6 different options were established:

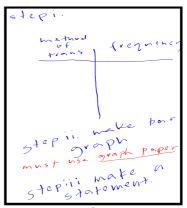
- i. Bus (B)
- ii. Car (C)
- iii. Walking (W)
- iv. Other (0)

55 students were surveyed and you obtained the following results:

В	В	С	С	W	С	В	W	В	В	С
С	С	С	В	С	В	0	W	0	В	С
В	W	W	В	В	В	О	В	C	В	В
C	C	O	В	В	W	W	В	В	C	В
C	О	В	В	W	В	W	В	В	O	В

#### You must:

- construct a graph to show the distribution of the different transportation categories for the 55 students
- make a conclusion that can be drawn from survey



ofterwards:

→ practice circle graph

homework from book:

P171 9.6.14-6.15

P172 9.6.16-6.17

P174 9.6.19-6.21