

Quiz Review

Match the correct vocabulary term with its definition.

1. Upper quartile minus the lower quartile. _____
2. The graph of a frequency distribution. _____
3. The arithmetic average. _____
4. The data value that occurs most often. _____
5. The average distance each value is away from the mean. _____
6. Half the data shape is the mirror image of the other half. _____
7. An extreme value. _____
8. The data shape has a tail either right or left. _____
9. The shape of the data is rectangular, and data is equally spread across the range. _____

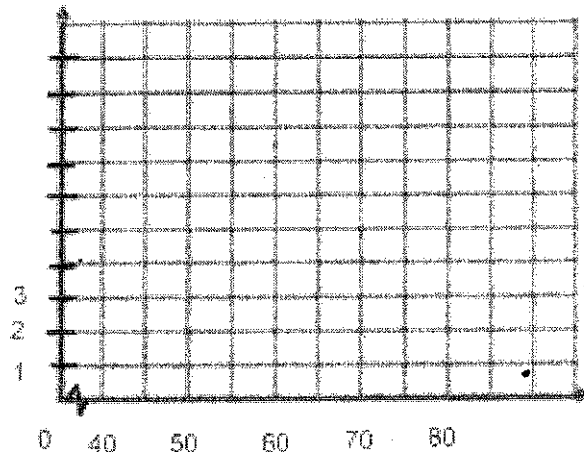
MAD	skewed	IQR
outlier	symmetry	mode
histogram	uniformity	mean

10. Construct a **FREQUENCY DISTRIBUTION** for the data below. Then construct a **HISTOGRAM**.

Mr. Hall measured the heights of students (inches) from a previous class.

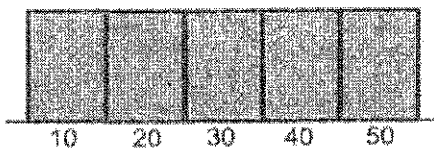
The results: 57, 59, 66, 60, 70, 47, 61, 55, 57, 71, 74, 48, 70, 67, 62, 62, 58, 55, 62, 68

Height (in)	Frequency
40 up to 50	
50 up to 60	
60 up to 70	
70 up to 80	

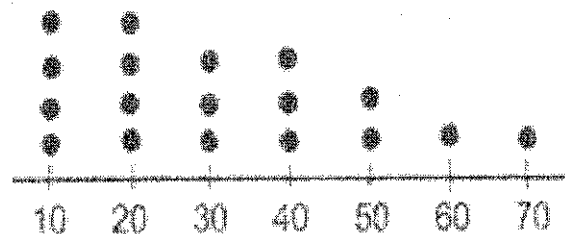


Describe the shape of the distribution. (Skewed, Uniform, Non-symmetric, etc.)

11.



12.



Quiz Review

Match the correct vocabulary term with its definition.

- Upper quartile minus the lower quartile. IQR
- The graph of a frequency distribution. histogram
- The arithmetic average. mean
- The data value that occurs most often. mode
- The average distance each value is away from the mean. MAD
- Half the data shape is the mirror image of the other half. symmetry
- An extreme value. outlier
- The data shape has a tail either right or left. skewed
- The shape of the data is rectangular, and data is equally spread across the range. uniform

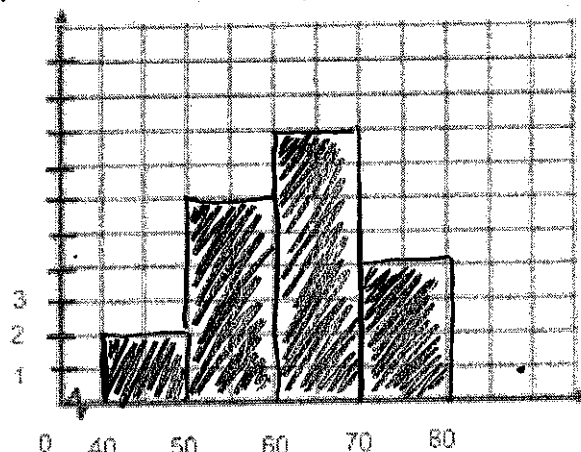
MAD	skewed	IQR
outlier	symmetry	mode
histogram	uniformity	mean

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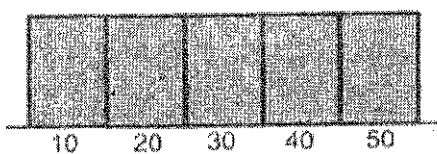
The results: ~~57, 59, 66, 60, 70, 41, 61, 55, 57, 71, 74, 48, 70, 67, 62, 62, 58, 58, 62, 68~~

Height (in)	Frequency
40 up to 50	11
50 up to 60	1
60 up to 70	
70 up to 80	



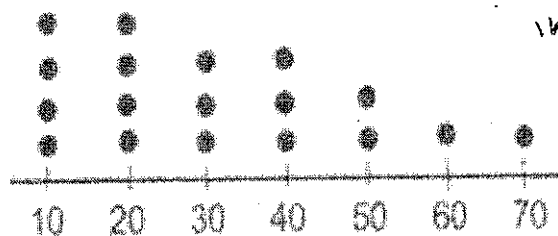
Describe the shape of the distribution. (Skewed, Uniform, Non-symmetric, etc.) *Borderline heights fall into upper interval.

11.



uniform

12.



skewed right

(ex: 60 falls into 60-70)