

# Disclaimer

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# **Chapter 3 Test**

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## Chapter 3 Test

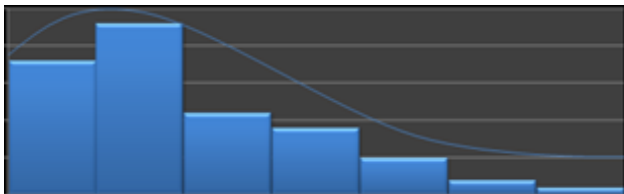
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**DIRECTIONS:** For this multiple-choice test, select the most appropriate answer for each statement or question.

1. In a frequency distribution, the frequencies should \_\_\_\_\_.
  - a) sum to 1
  - b) sum to the sample size
  - c) be the square of the sample size
  - d) sum to 0
  
2. To calculate a relative frequency, divide the frequency of the category by the sample size.
  - a) True
  - b) False
  
3. Which of the following should not be used to represent qualitative data?
  - a) Stem and leaf plot
  - b) Pie chart
  - c) Bar graph
  - d) Pareto chart



4. Given the following histogram, what is the shape of the distribution?



- a) Uniform  
b) Symmetrical  
c) Skewed left  
d) Skewed right
5. Given the following stem and leaf plot, what is the shape of the distribution?

```
1 | 00
2 | 0022
3 | 00001111
4 | 999999999999
5 | 999999999
```

- a) Symmetrical  
b) Skewed right  
c) Uniform  
d) Skewed left



## Answers

1. Sum to the sample size
2. True
3. Stem and leaf plot
4. Skewed right
5. Skewed left

