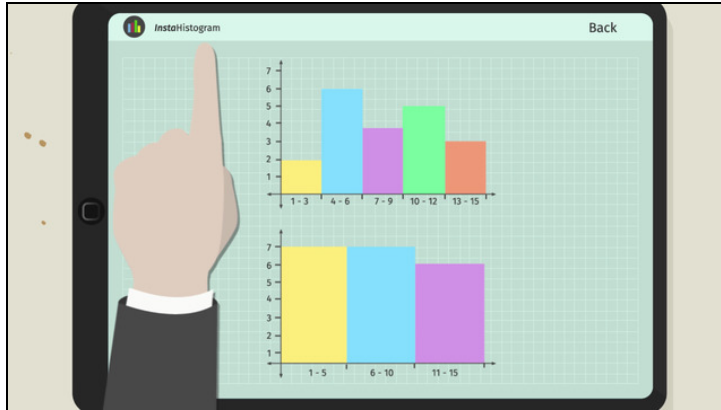




Printable Worksheets from [sofatutor.com](https://www.sofatutor.com)

Histograms



- 1 Name the benefits of histograms.
- 2 Describe how to draw a histogram.
- 3 Explain how a histogram differs from a bar graph.
- 4 Draw a histogram.
- 5 State the information you get from the histogram.
- 6 Find the histograms that display the data.
- + with lots of tips, answer keys, and detailed answer explanations for all of the problems.



The complete package, including all problems, hints, answers, and detailed answer explanations is available for all [sofatutor.com](https://www.sofatutor.com) subscribers.



Name the benefits of histograms.

Choose the correct statements.

- A
Histograms are used to visually represent data.
- B
A histogram is a graph using bars to represent frequency.
- C
Histograms are used in statistics.
- D
Histograms can be used to solve linear equations.
- E
In histograms data can be grouped in ranges.
- F
Histograms give us detailed information about all data points.

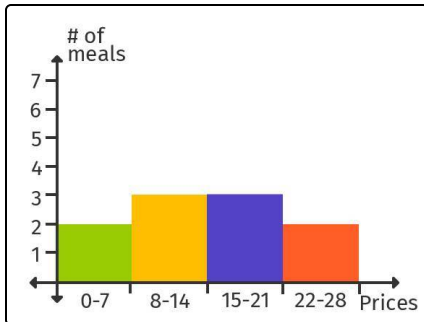


Hints for solving these problems

1
of 6

Name the benefits of histograms.

Hint #1



This is a histogram. The green bar shows two meals that have a price between zero to 7.

Hint #2

Four statements are correct.

Hint #3

Statistics is a branch of mathematics.



Answers and detailed answer explanations for these problems

1
of 6

Name the benefits of histograms.

Answer key: A, B, C, E

What are the benefits of histograms?

Sure we can represent data clearly. Histograms are quite easy to interpret.

Which data is represented? Any data which can be measured: heights, weights, temperature, prices, and so on. Usually this data is grouped in different ranges, also called bins. Those ranges don't have to overlap and they must have the same size.

Histograms are not used to solve linear equations.

The representation of data is a main theme of statistics, a part of mathematics.