

Homework Help

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Grades 2-4: Picture & Bar Graphs

- Picture graphs and bar graphs are both ways to share information. On this skill sheet, we look at an example of each kind of graph and explain how it works.

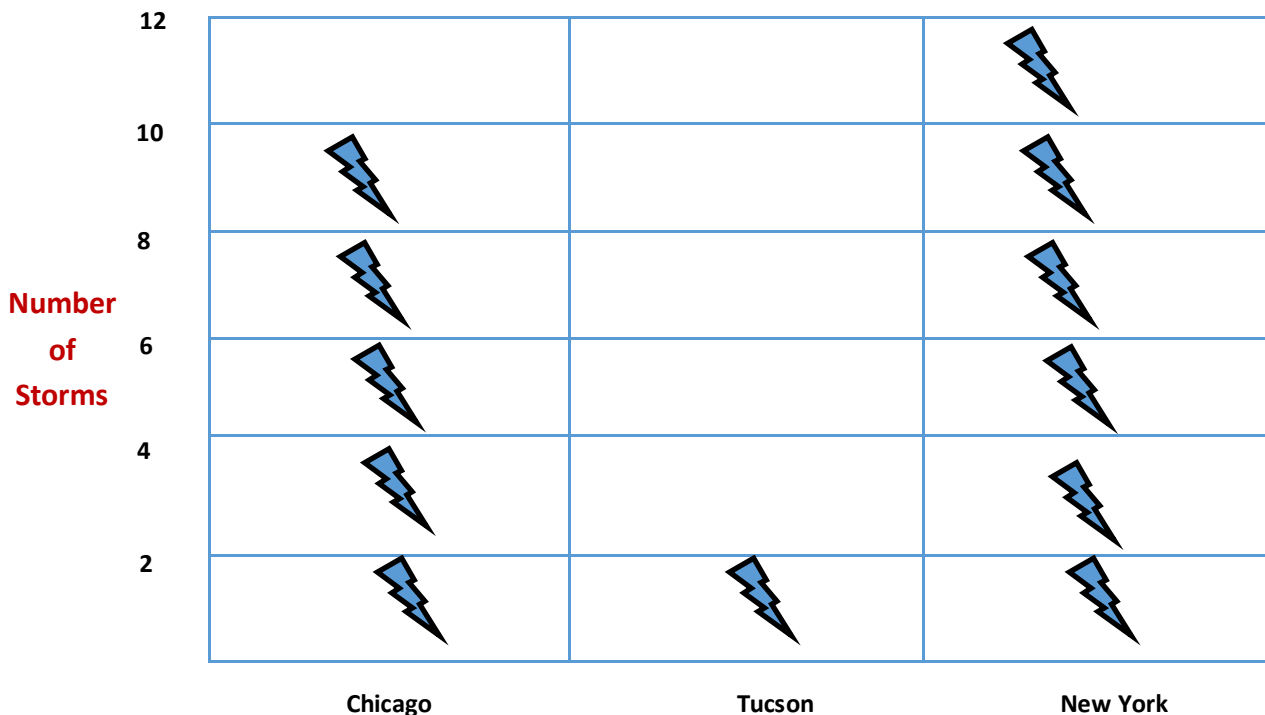
Let's start with a **picture graph**. Here is the problem we will solve:

Different cities in the U.S. had different numbers of thunderstorms last month. Draw a picture graph to show the information in the table below.

In this example, our **picture is a lightning bolt**, and **one lightning bolt stands for two storms**. We draw enough lightning bolts to show how many storms happened in each city.

City	Number of Thunderstorms Last Month
Chicago, Illinois	10
Tucson, Arizona	2
New York, New York	12

 = 2 thunderstorms

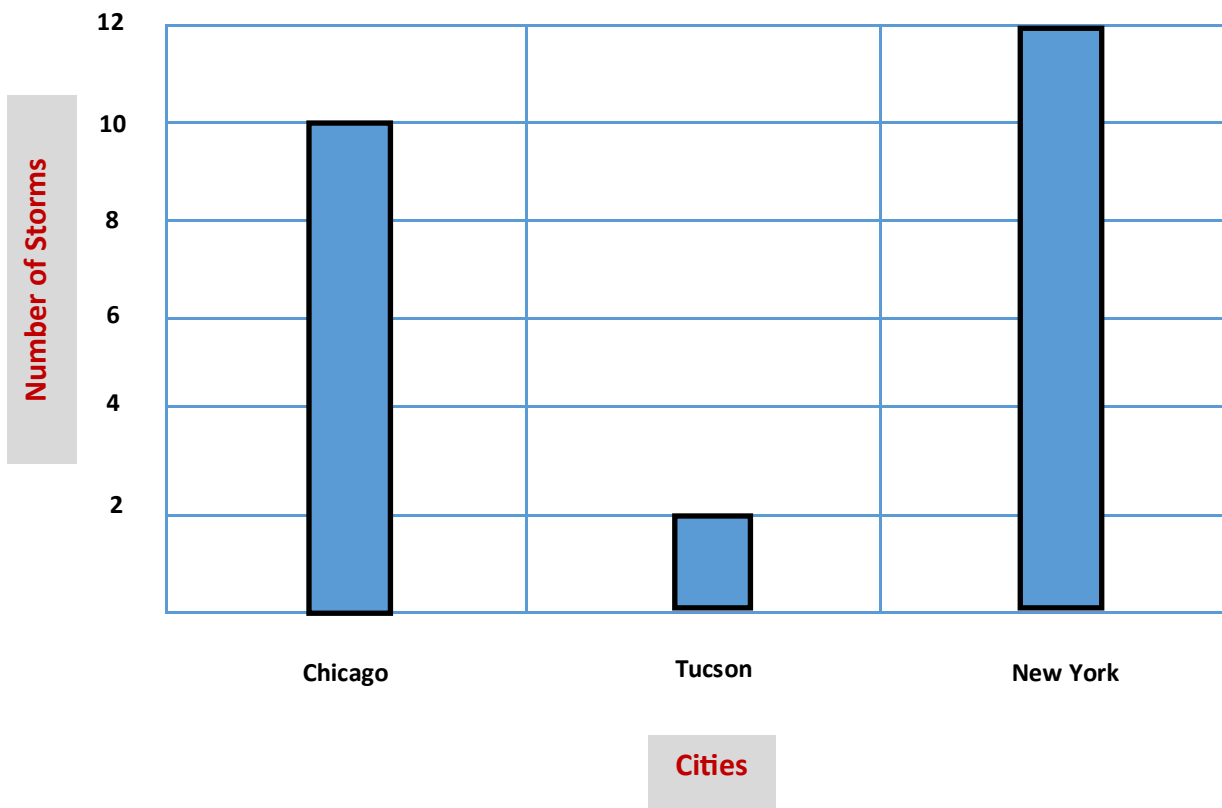


Grades 2-4: Picture Graphs & Bar Graphs

- Let's use the same information to make a **bar graph**.

City	Number of Thunderstorms Last Month
Chicago, Illinois	10
Tucson, Arizona	2
New York, New York	12

- Instead of drawing pictures of lightning bolts, **we draw bars going up from the bottom of the graph to show the number of storms** that happened in each city.
- Notice that our bar graph looks similar to our picture graph!



For More on This Topic: <https://www.khanacademy.org/math/cc-third-grade-math/represent-and-interpret-data/imp-bar-graphs/v/creating-picture-and-bar-graphs-2-exercise-examples>