

Lesson 56: Graphs

Purpose of lesson: You will learn how to read and understand **graphs**.

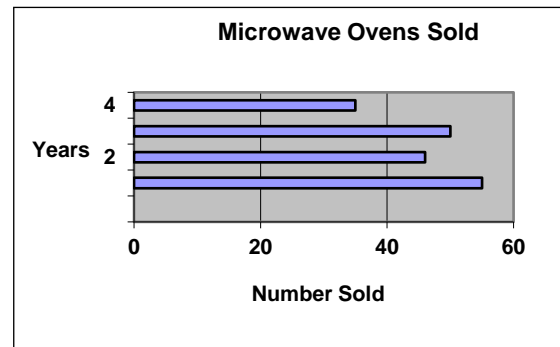
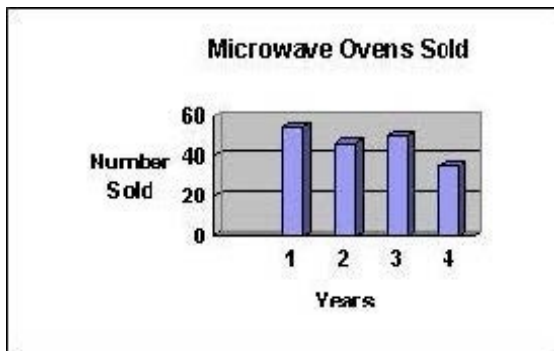
Words to Learn: A **Graph** is a way of showing information in picture form.



There are many different types of graphs.
First we will look at the different types of graphs you may see!

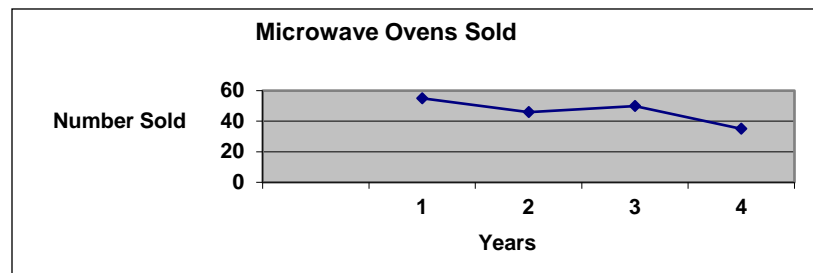
BAR GRAPHS

Bar Graphs use bars to show information. Bar graphs can be in two different forms as shown below.



LINE GRAPHS

Line graphs show information by using a line. Line graphs show changes over time.



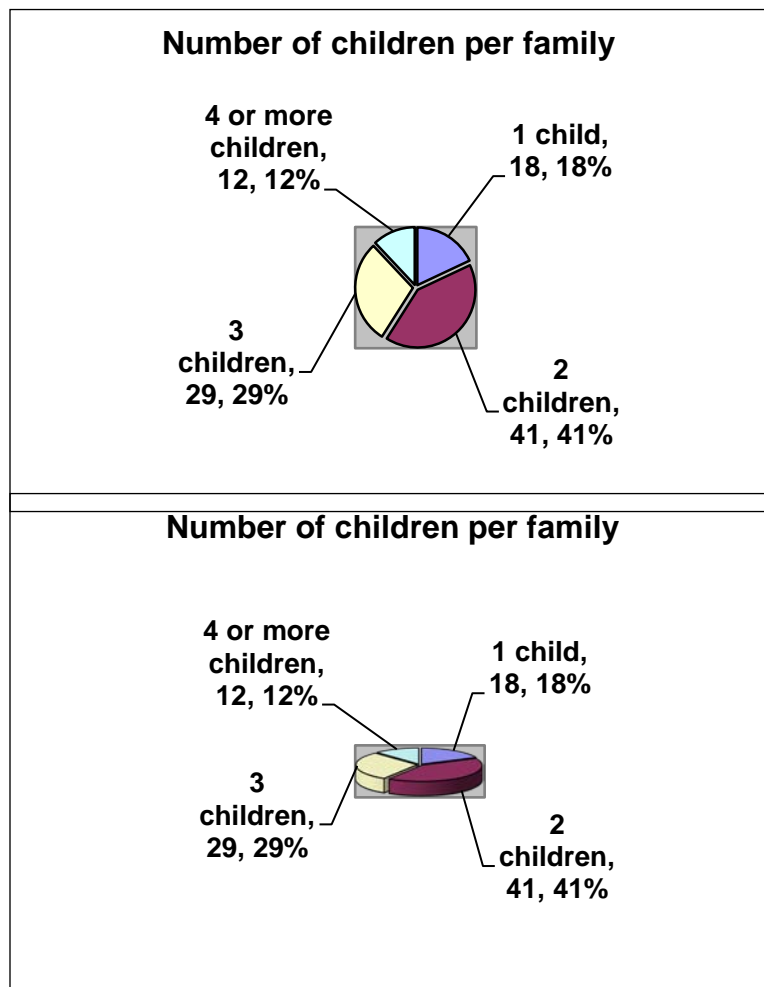
CIRCLE GRAPHS

Circle Graphs show information in the form of a circle. Circle graphs are sometimes called pie charts because the segments are in the shape of a piece of pie and the graph is round like a pie.

Things to remember:

- 1) Each part of a circle graph is called a **segment** or **section**.
- 2) The **segments** all add up to 100%.

Here are examples of two different types of circle graphs:



Graphs help give us a better understanding of the information being presented.

Question: From the circle graphs above, how many children are in the biggest percentage group?

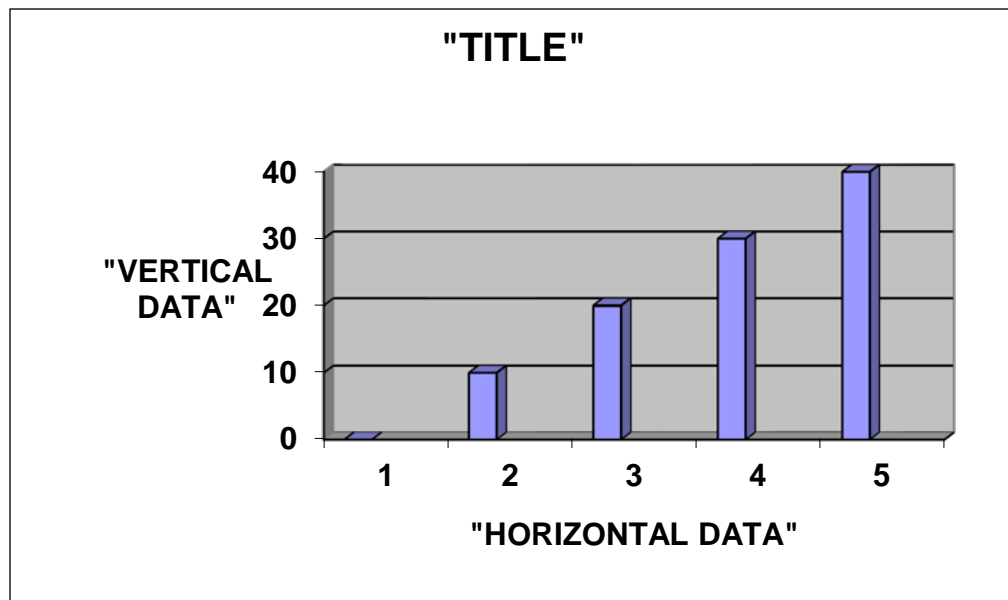
Answer: The largest percentage of families have 2 children(41%).



There are a few things you need to know about graphs before we go on!

- 1. All graphs need to have a title, like a story. A title tells what a graph or story is about.*
- 2. There needs to be information, or data.
The information on the side of the graph is called vertical data.
The information on the bottom of the graph is called horizontal data.*
- 3. Note: Circle graphs show the information in sections or segments.
It is important to read the title and information carefully in order to understand graphs well.*

Look at the model graph below to see where these parts of a graph are found:



Let's see how much you have learned about graphs!

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[Take Lesson 56 Quiz 2](#)

[Take Lesson 56 Quiz 3](#)

[Take Lesson 56 Quiz 4](#)

[Take Lesson 56 Quiz 5](#)

Let's try one more!

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