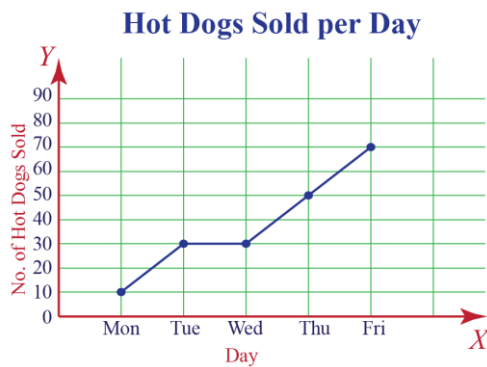


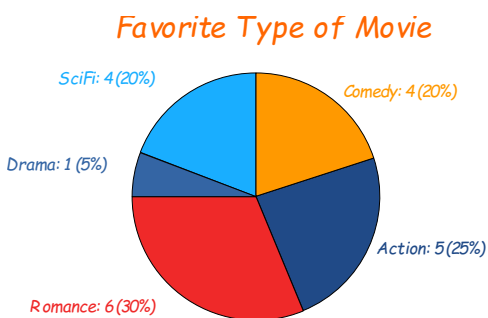
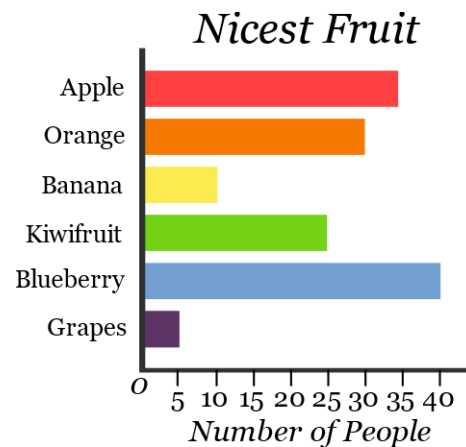
Nature of Science

Section 3: Graphing

An essential part of every experiment is recording observations and organizing data in easy-to-read tables and graphs. A **graph** is a visual display of information or data. For example, a **line graph** shows trends or how data changes over time. How many hot dogs were sold on Thursday?



A **bar graph** is useful for comparing information collected by counting. How many people total thought grapes and bananas were the nicest fruits?



A **circle graph** shows how a fixed quantity is broken down into parts. What percentage of people's favorite type of movie is drama?

Review:

1. What is a graph?
2. What type of graph best displays how data has changed over time?
3. Identify the three types of graphs.