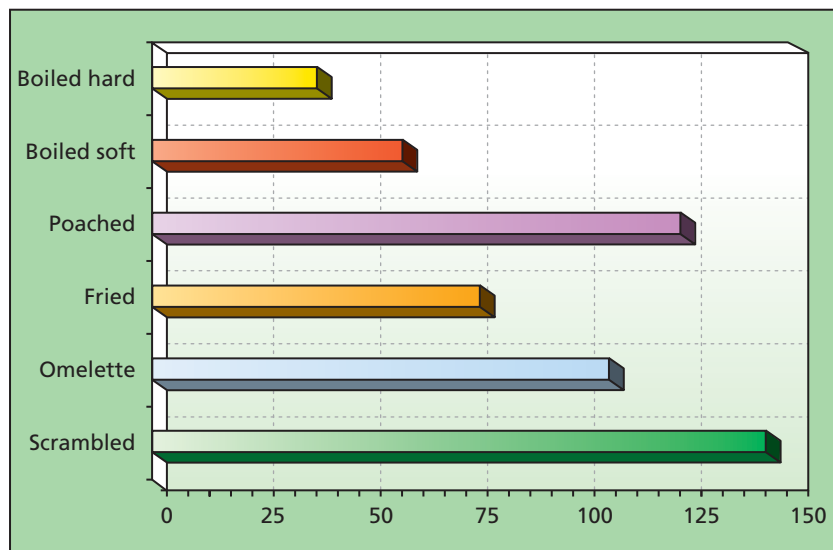
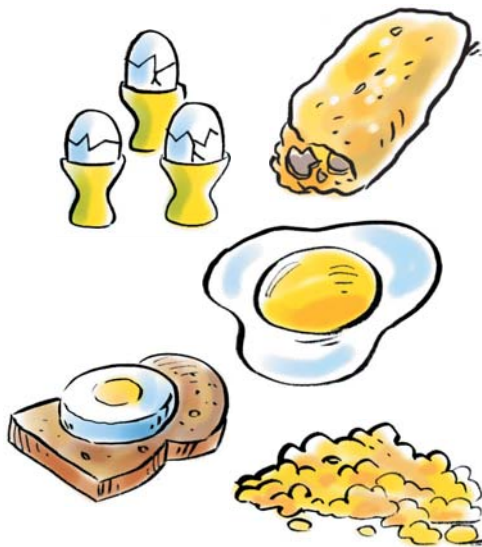


## You will need

- grid paper
- pencil crayons
- a ruler

## Cracking Data

A group of egg farmers conducted an online survey about cooked eggs. This graph shows some of their results.



## What are some other ways to display similar data?

- What survey question do you think the egg farmers asked? Explain your thinking.
- Does the graph show **first-hand data** or **second-hand data**? Explain how you know.
- How could you improve the graph?
- How can you use the graph to estimate the number of people who participated in the survey?

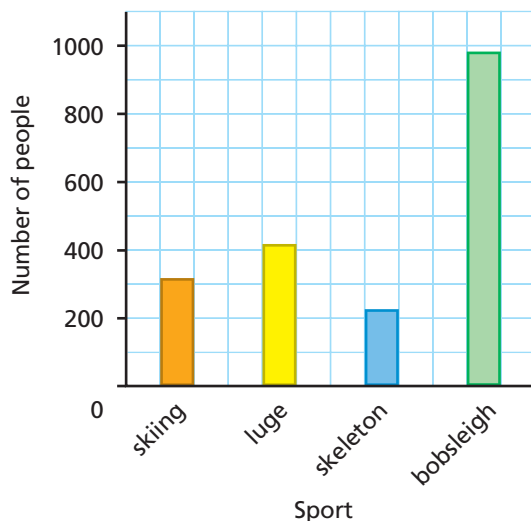
- E. Conduct a survey about eggs using the students in your class. Record your data in a tally chart.
- F. Display your data in a pictograph, a bar graph, a **double-bar graph**, or a Venn diagram. If you used a scale, describe it, and explain why you chose it.

## What Do You Think?

Do you *agree* or *disagree* with each statement?  
Explain your thinking.

1. In the graph about sliding sports below, the orange bar might represent the number 310.5.

**A Sliding Sport I'd Like to Try**



2. The data in the graph about sliding sports could be displayed using other types of graphs.
3. The points on the graph at the right show that Jack is taller and younger than Jill.
4. The information on the graph that compares Jack's height and age with Jill's height and age could also be shown using a bar graph.

**Comparing Height and Age**

