Displaying collected data

6 practice questions

1. Draw a picture graph for Red 4, Blue 2, Green 3. Let one circle mean one vote.

Copy each frequency exactly.

There should be 9 circles altogether.

Answer: Labelled rows with $4, 2$ and 3 equal circles; a title and a key.

2. A column ends at 6 on a number scale in ones. What count does it show?

Read the top of the column.

Answer: 6.

3. Complete the equally spaced scale: $0, 1, __, 3, __, 5$.

Each step adds 1.

Answer: 2 and 4.

4. One star means one book. A row has 7 stars. How many books does it show?

Each of the 7 stars represents one book.

Answer: 7 books.

5. A graph is titled “Favourite sports” but its columns have no names. What labels are needed?

Readers need to match each column to its category.

Answer: The sport names.

6. Draw a column graph for the supplied table. Start at 0 and count in ones.

Sample data: After-lunch choices

Activity	Children
Drawing	5
Reading	3
Puzzles	4

Use each table frequency as the column height.

Check $5 + 3 + 4 = 12$ children.

Answer: Heights: Drawing 5, Reading 3, Puzzles 4. Use equal widths, labels, a number scale and a title.