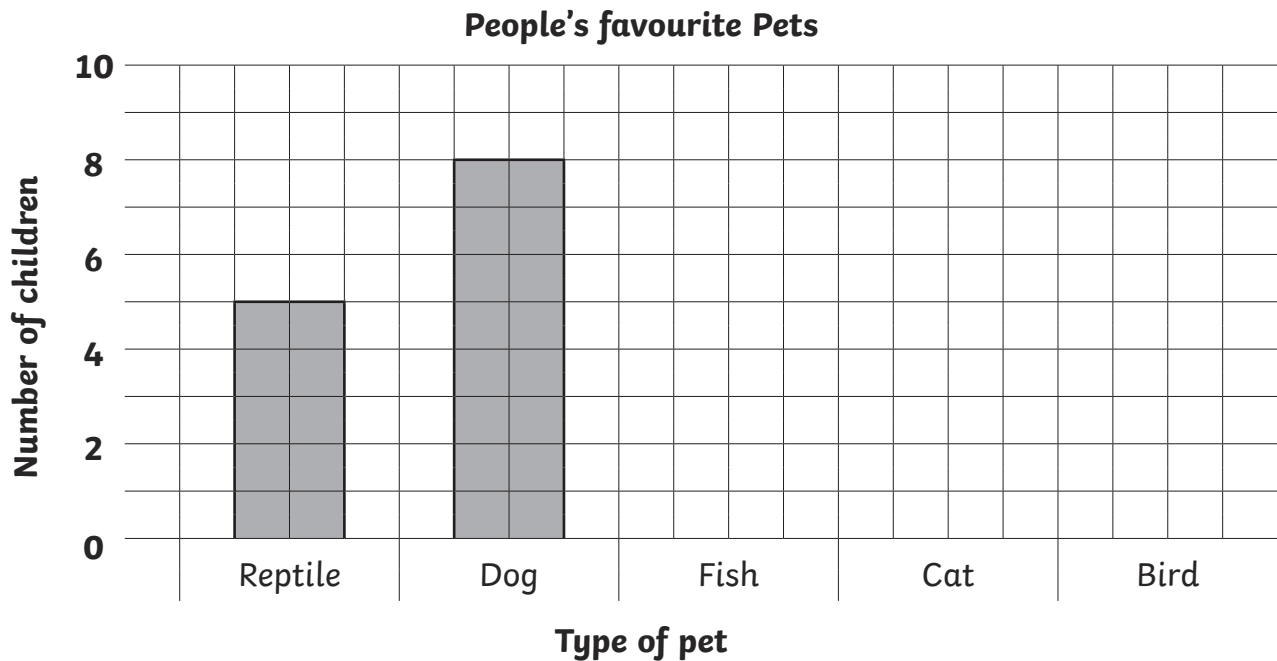# Bar Charts

I can draw bar charts.

1. A group of children record their favourite pets. Here are the results. Complete the bar chart using the information in the table.

| Favourite Pet | Reptile | Dog | Fish | Cat | Bird |
|---|---|---|---|---|---|
| Number of Children | 5 | 8 | 8 | 7 | 6 |

**People's favourite Pets**



2. The favourite sport of some children is recorded. Here are the results. Complete the bar chart on the grid below from the given information.

| Favourite Sport | Football | Swimming | Netball | Rugby | Hockey |
|---|---|---|---|---|---|
| Number of Children | 9 | 10 | 8 | 5 | 7 |

**People's favourite Sports**
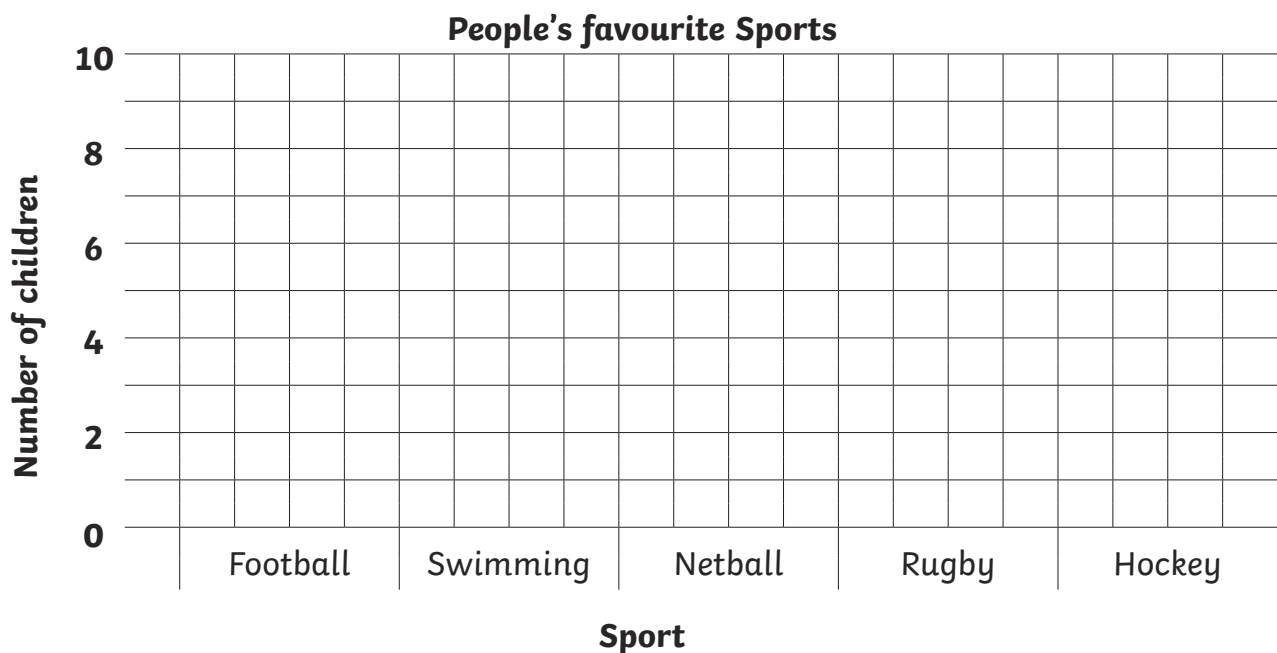
3. The favourite subject of some children is collected. Here are the results.
   Complete the bar chart on the grid below from the given information. Decide on a scale that fits the grid given.

| Favourite Subject | Maths | Science | Computing | English | PE |
|---|---|---|---|---|---|
| Number of children | 13 | 7 | 11 | 14 | 12 |

**People's favourite Subject**

Number of children

Maths   Science   Computing   English   PE

**Subject**
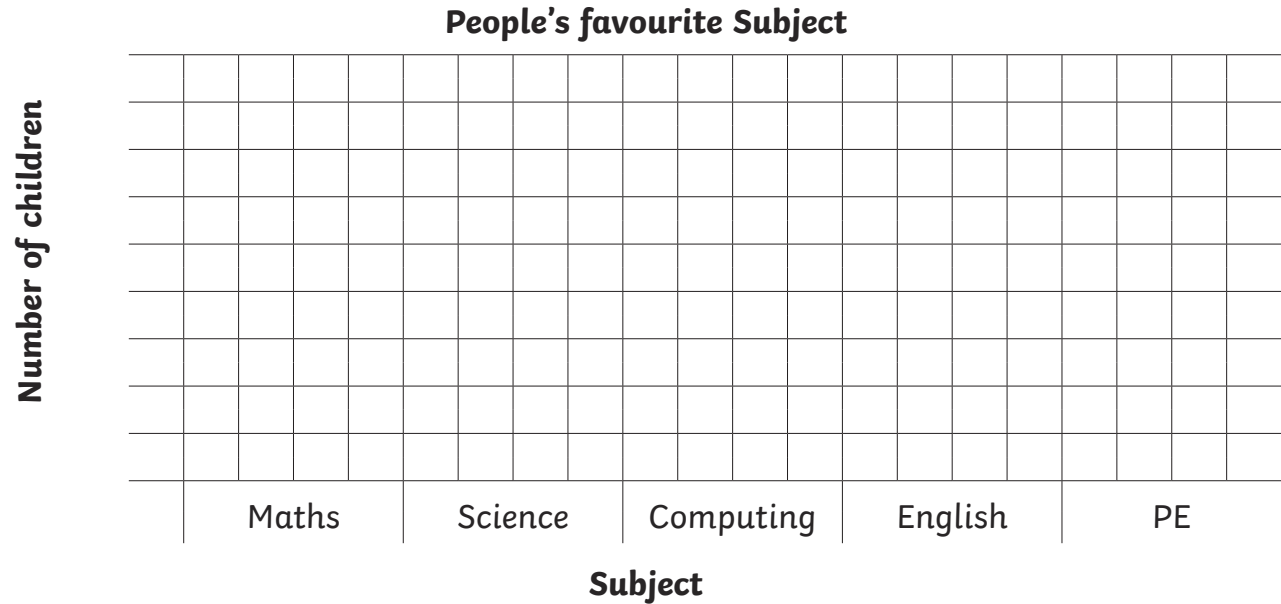
4. The favourite food of some children is collected. Here are the results.
   Complete the bar chart on the grid below from the given information.

| Favourite Food | Pizza | Fish and Chips | Curry | Spaghetti Bolognese | Chilli |
|---|---|---|---|---|---|
| Number of Children | 21 | 7 | 11 | 14 | 12 |
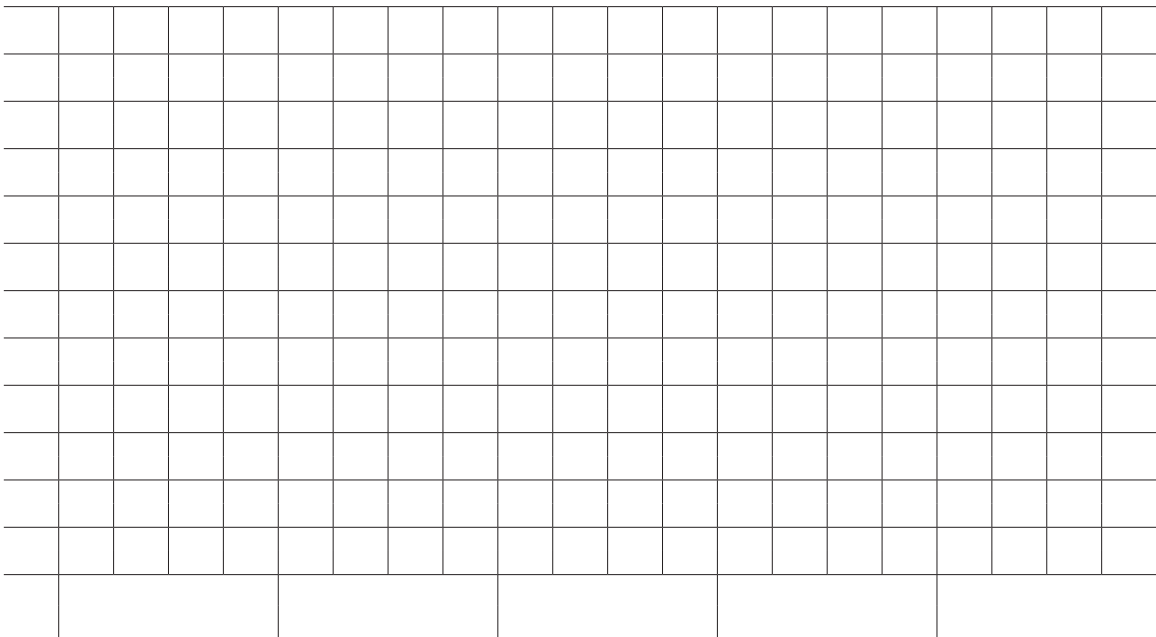
5. Conduct your own research to a question and present your results in a bar chart.

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |

# Bar Charts - Answers

1.

**People's favourite Pets**



2.

**People's favourite Sports**

3.

**People's favourite Subject**



Bar chart titled "People's favourite Subject" with y-axis "Number of children" (0 to 18) and x-axis "Subject". Bars: Maths 13, Science 7, Computing 11, English 14, PE 12.

4.

**People's favourite Foods**



Bar chart titled "People's favourite Foods" with y-axis "Number of children" (0 to 24) and x-axis "Food". Bars: Pizza 21, Fish and Chips 7, Curry 11, Spaghetti Bolognese 14, Chilli 12.
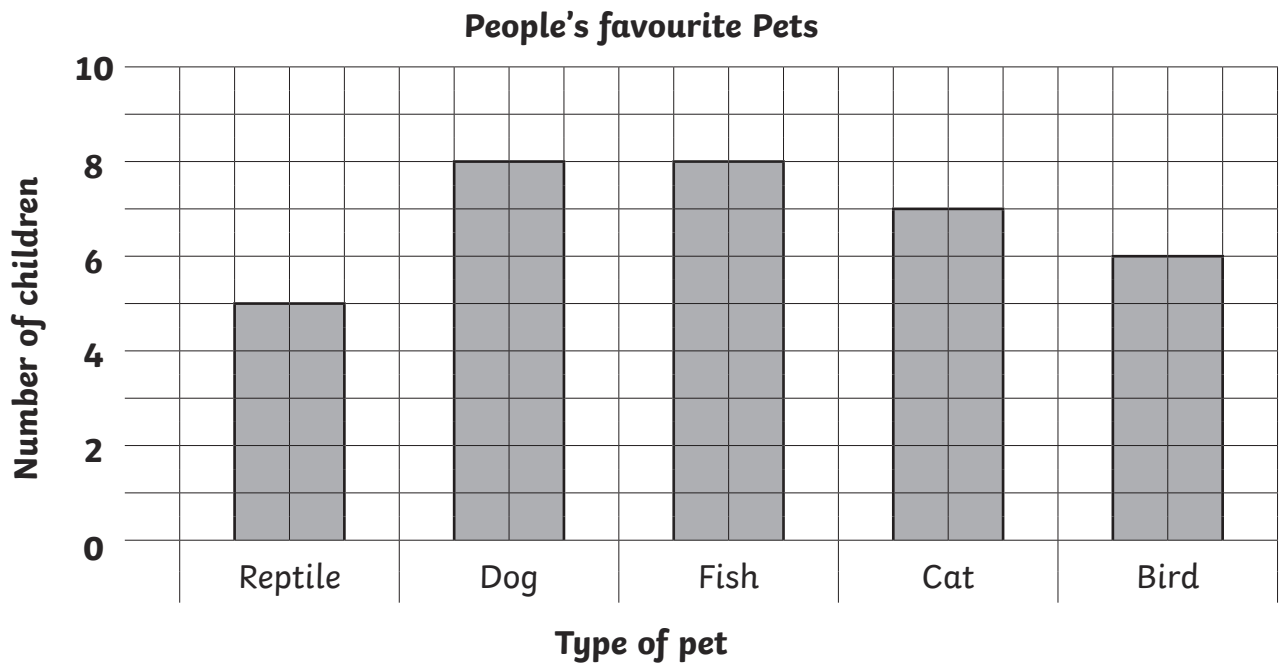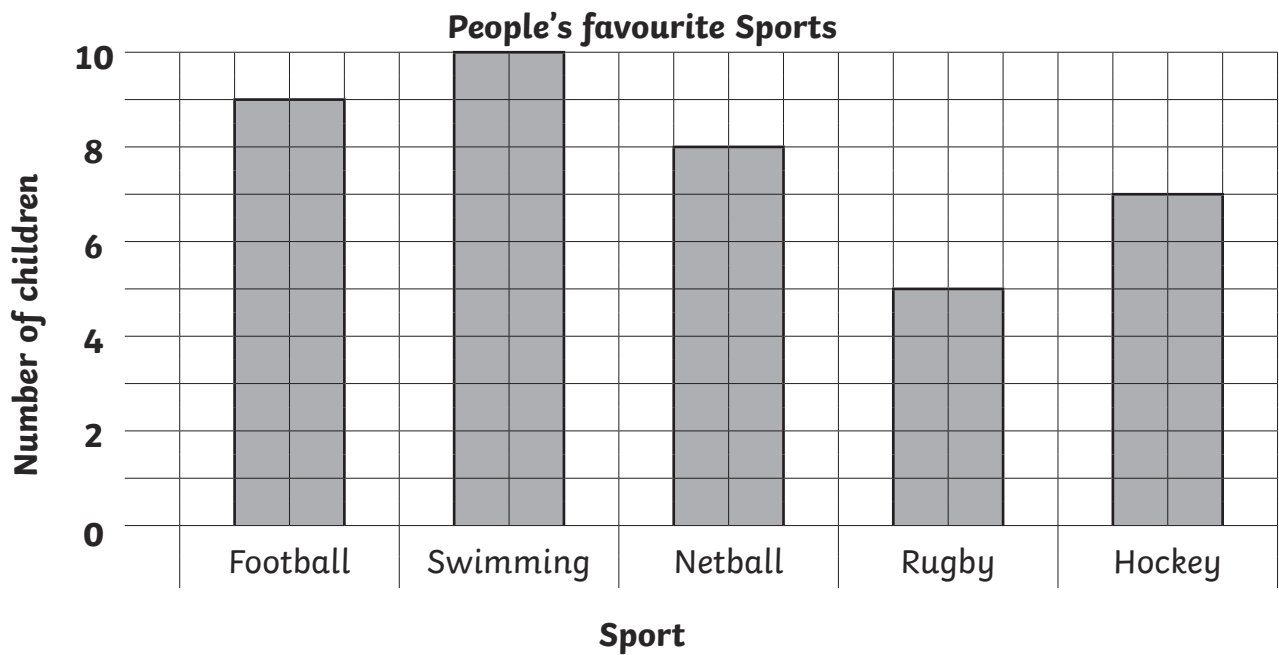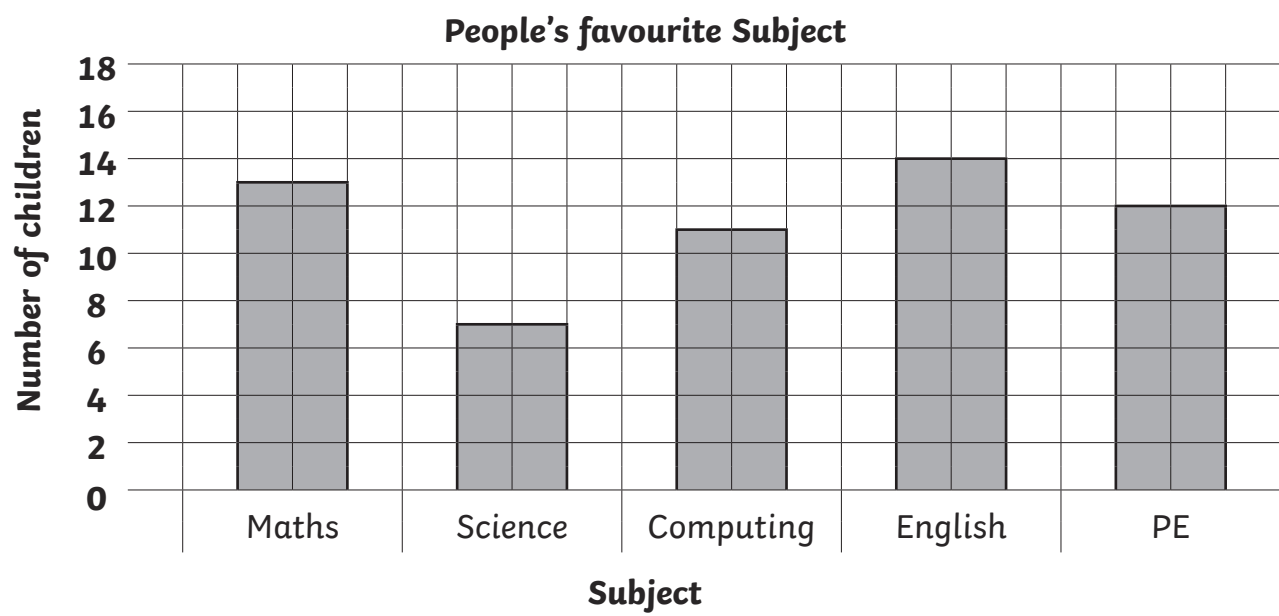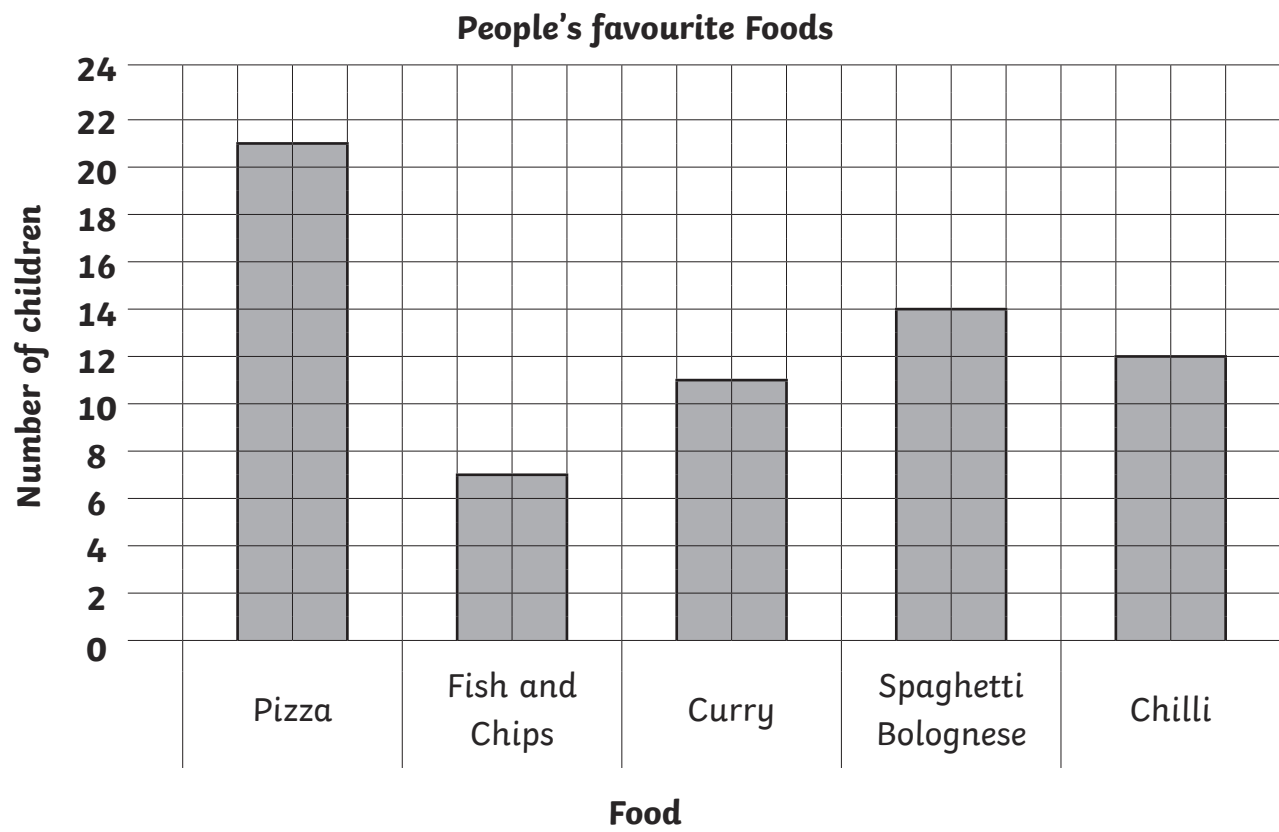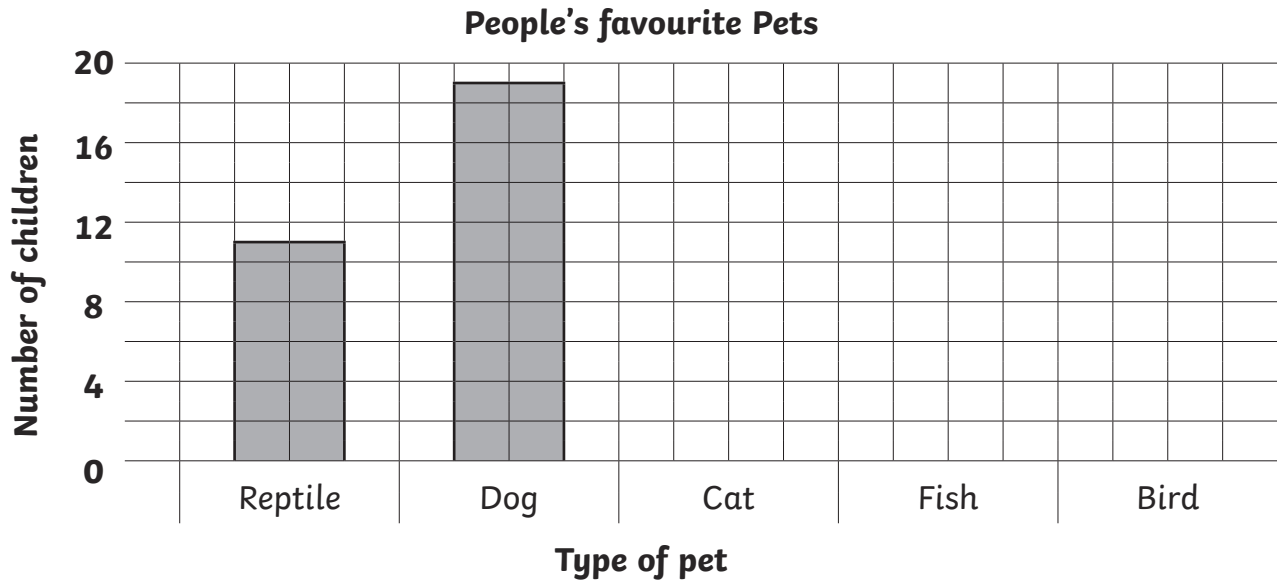
5. **Answers will vary.**
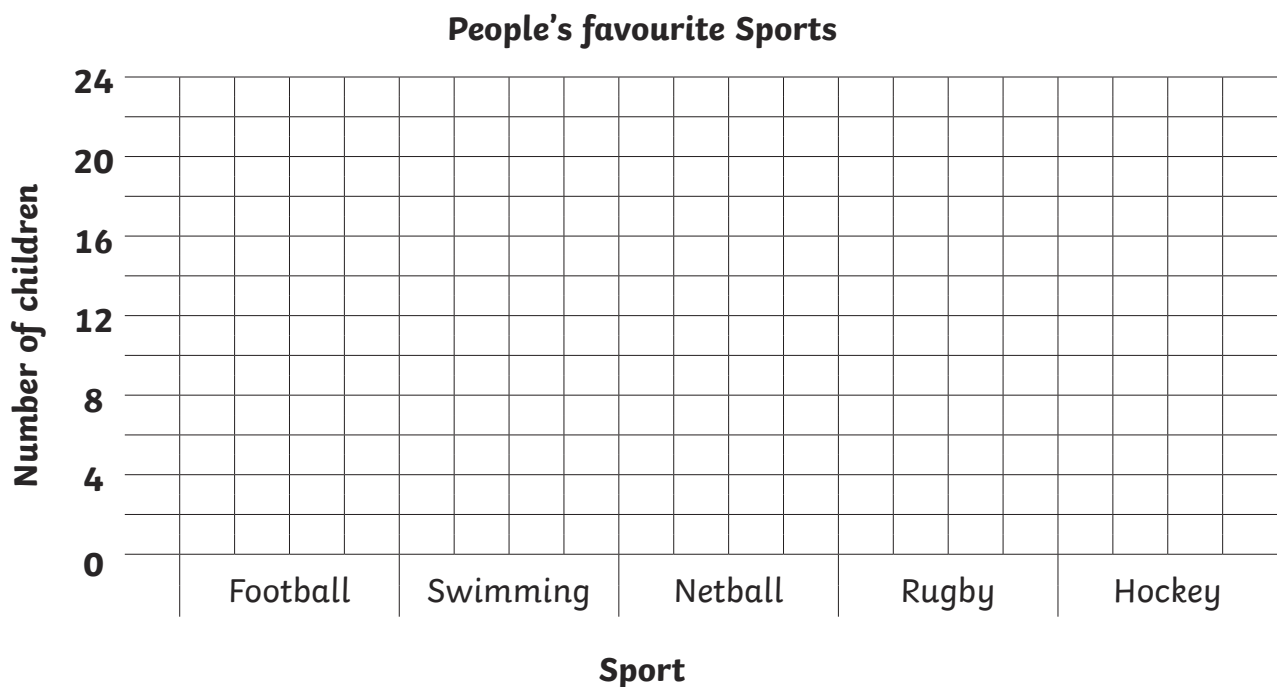
# Bar Charts

I can draw bar charts.

1. A group of children record their favourite pets. Here are the results.
   Complete the bar chart and table using the information given below.

| Favourite Pet | Reptile | Dog | Cat | Fish | Bird |
|---|---|---|---|---|---|
| Number of Children | | | 18 | 8 | 9 |

**People's favourite Pets**



2. The favourite sport of some children is recorded. Here are the results.Complete the bar chart on the grid below from the given information.

| Favourite Sport | Football | Swimming | Netball | Rugby | Hockey |
|---|---|---|---|---|---|
| Number of Children | 24 | 18 | 10 | 13 | 6 |

**People's favourite Sports**

3. The favourite subject of all the children in a school is collected. Here are the results. Complete the bar chart on the grid below from the given information. Decide on a scale that fits the grid given.

| Favourite Subject | Maths | Science | Computing | English | PE |
|---|---|---|---|---|---|
| Number of Children | 76 | 52 | 69 | 38 | 44 |

**People's favourite Subjects**

Number of children

80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0

Maths    Science    Computing    English    PE

**Subject**
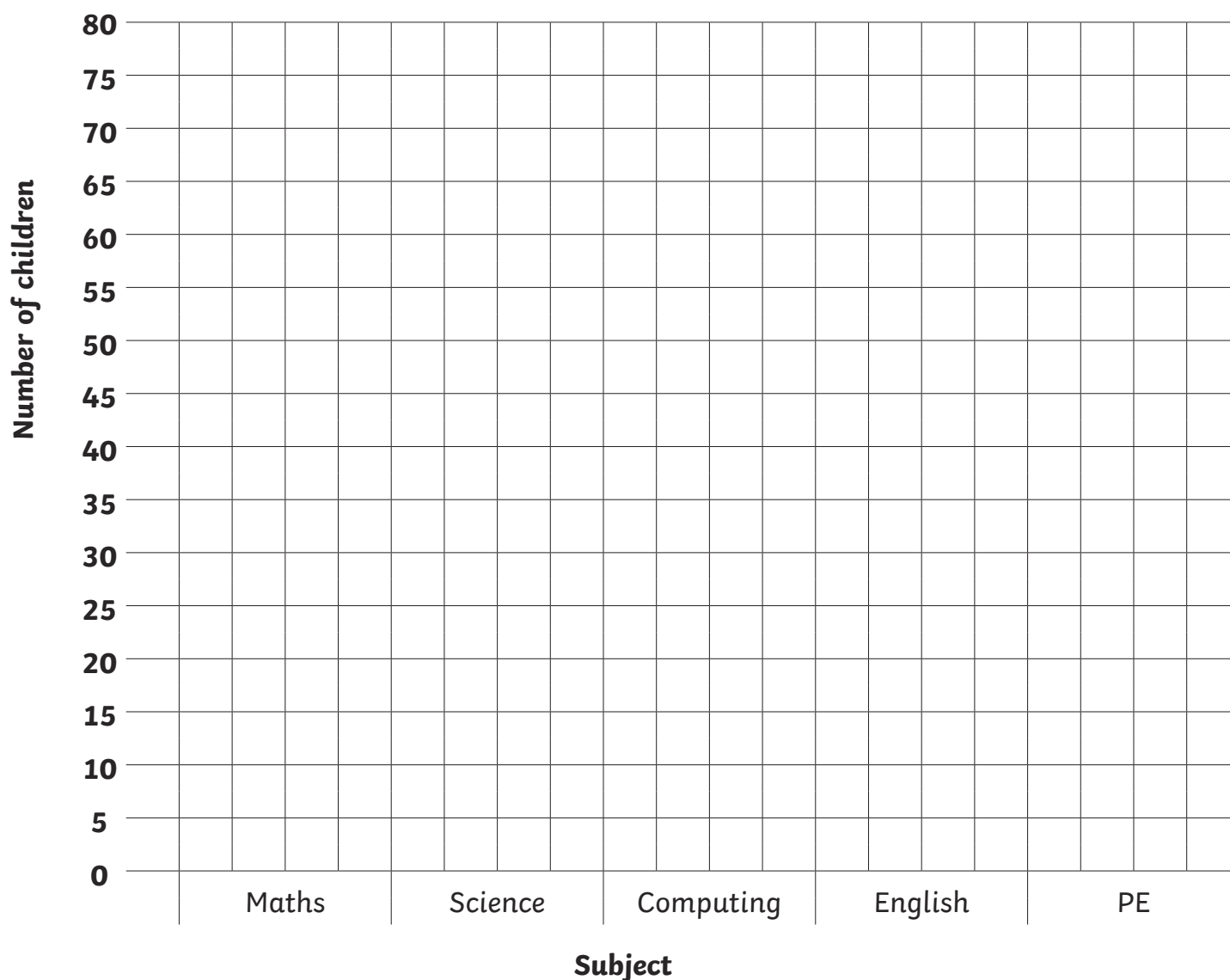
4. The favourite food of children in town is collected. Here are the results.
   Complete the bar chart on the grid below from the given information.

| Favourite Food | Pizza | Fish and Chips | Curry | Spaghetti Bolognese | Chilli |
|---|---|---|---|---|---|
| Number of Children | 167 | 134 | 98 | 61 | 74 |
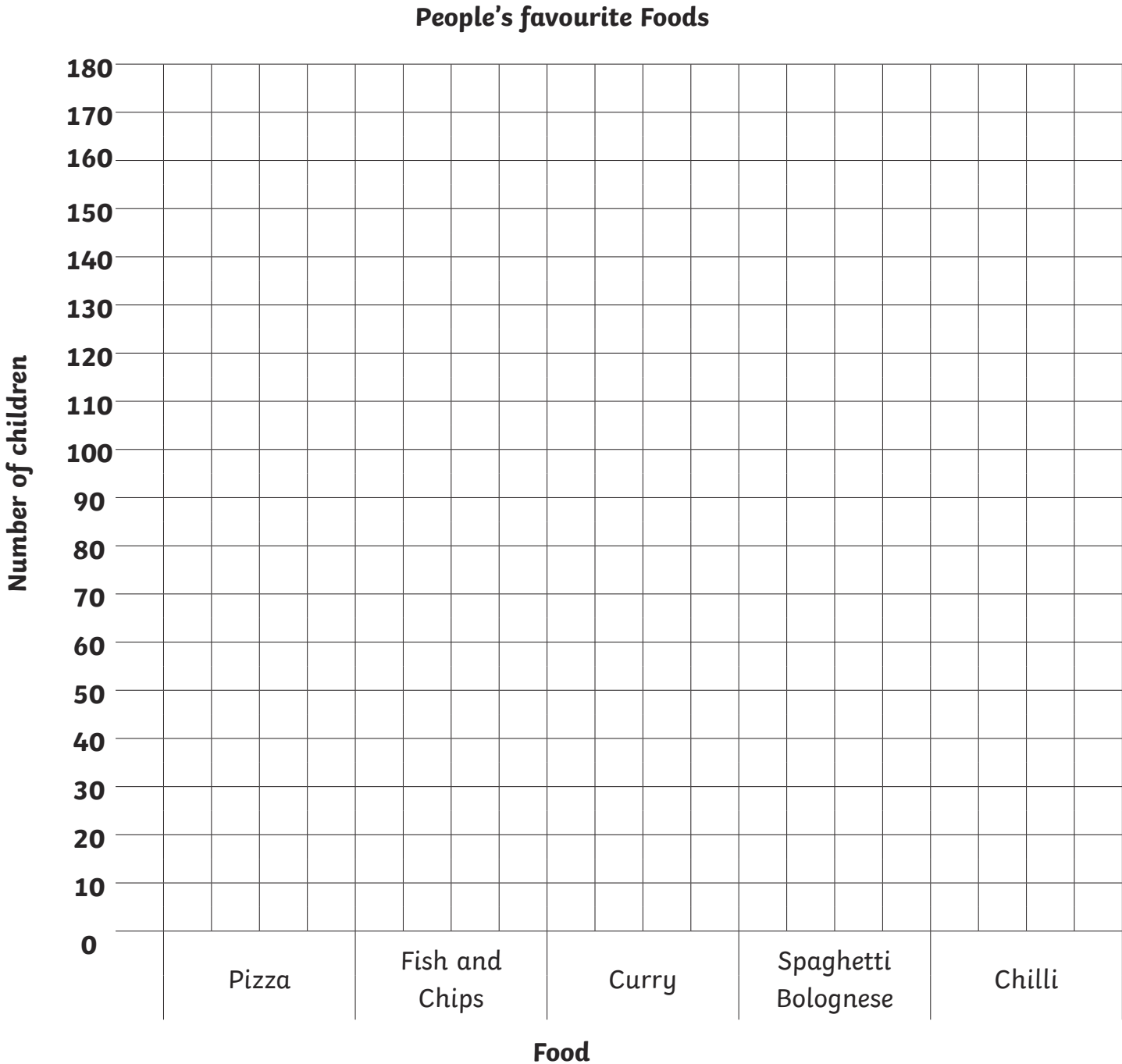
**People's favourite Foods**



Number of children (y-axis): 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180

Food (x-axis): Pizza, Fish and Chips, Curry, Spaghetti Bolognese, Chilli
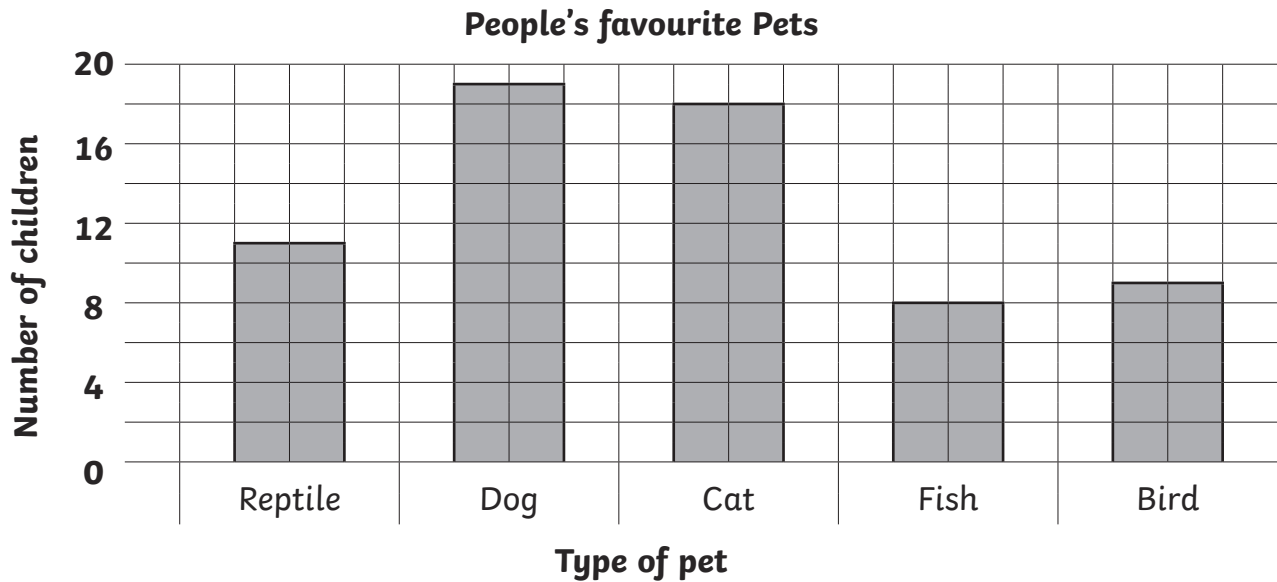
5. Conduct your own research to a question and present your results in a bar chart.

# Bar Charts - Answers

1.

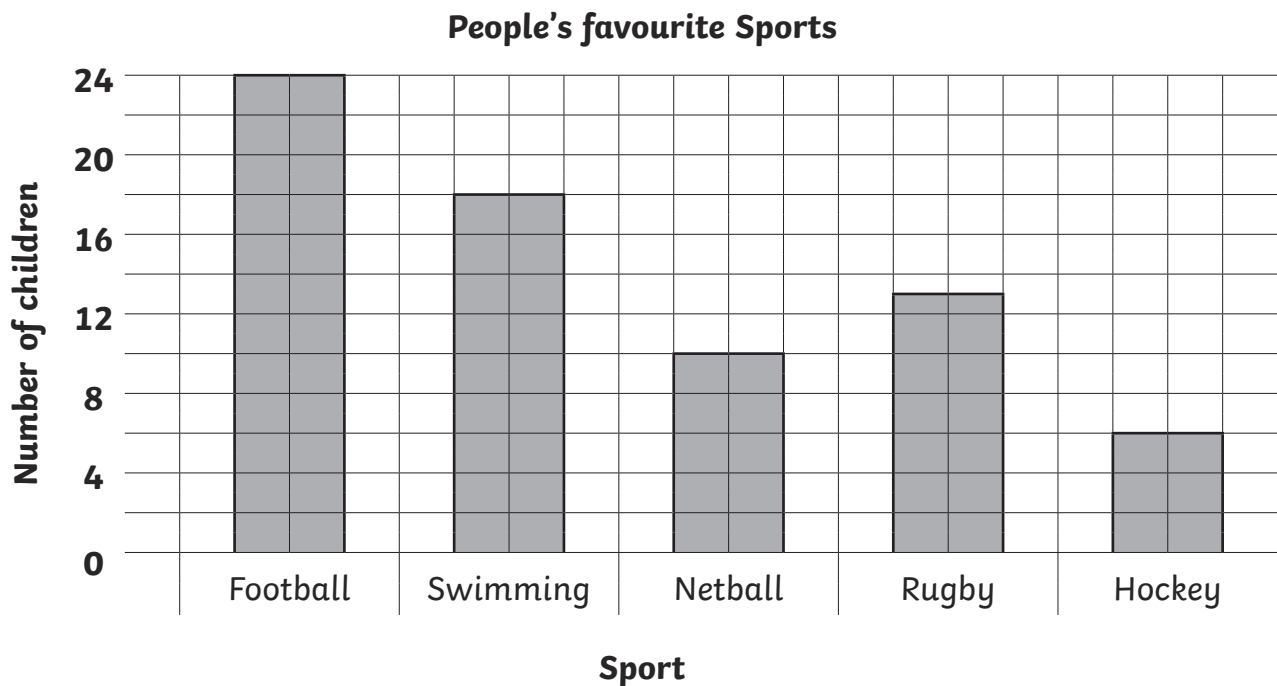| Favourite Pet | Reptile | Dog | Cat | Fish | Bird |
|---|---|---|---|---|---|
| Number of Children | 11 | 19 | 18 | 8 | 9 |

**People's favourite Pets**



**Type of pet**

2.

**People's favourite Sports**



**Sport**

3.

**People's favourite Subjects**



Bar chart titled "People's favourite Subjects" showing Number of children (y-axis, 0 to 80) by Subject (x-axis). Maths ≈ 76, Science ≈ 52.5, Computing ≈ 69, English ≈ 39, PE ≈ 44.
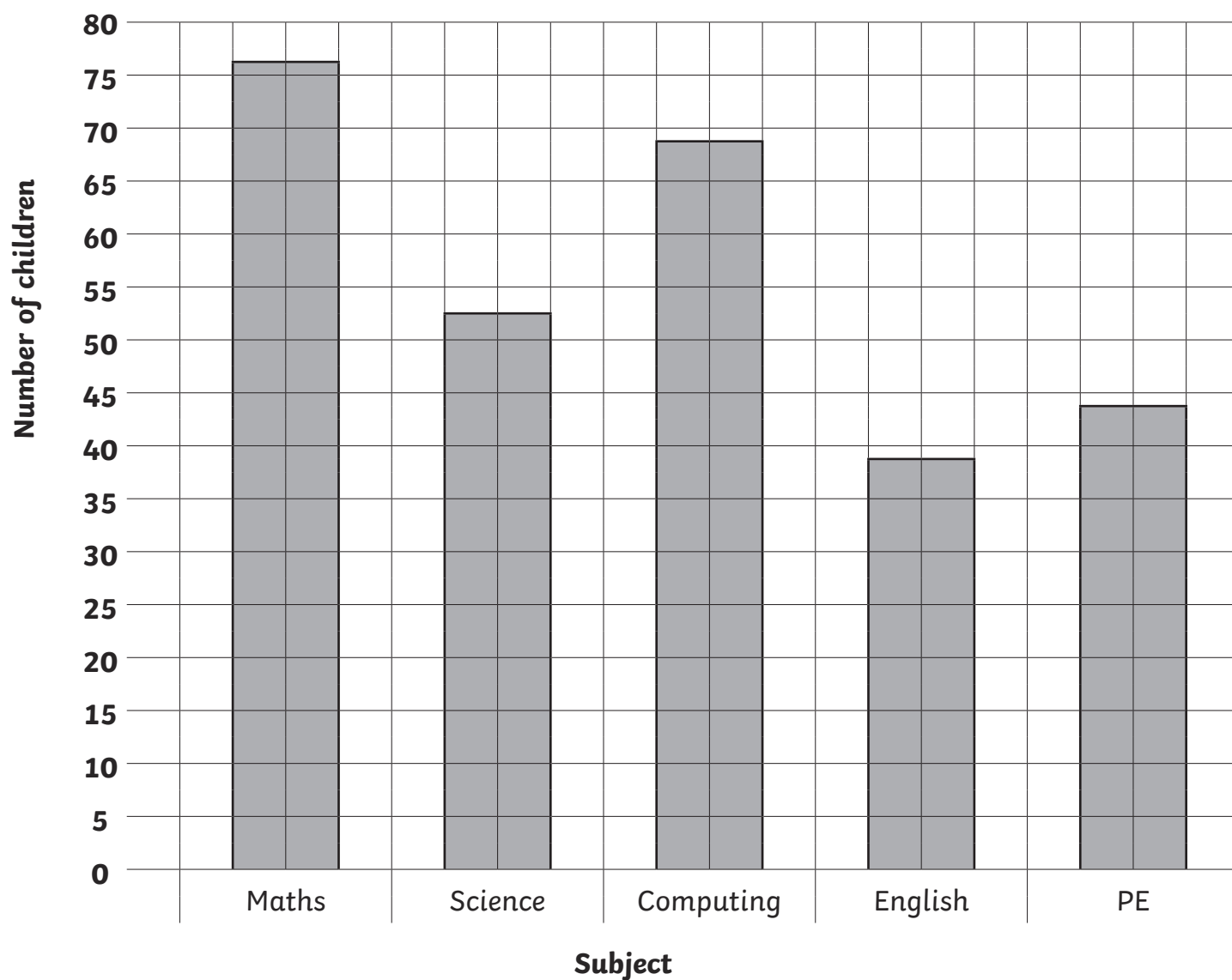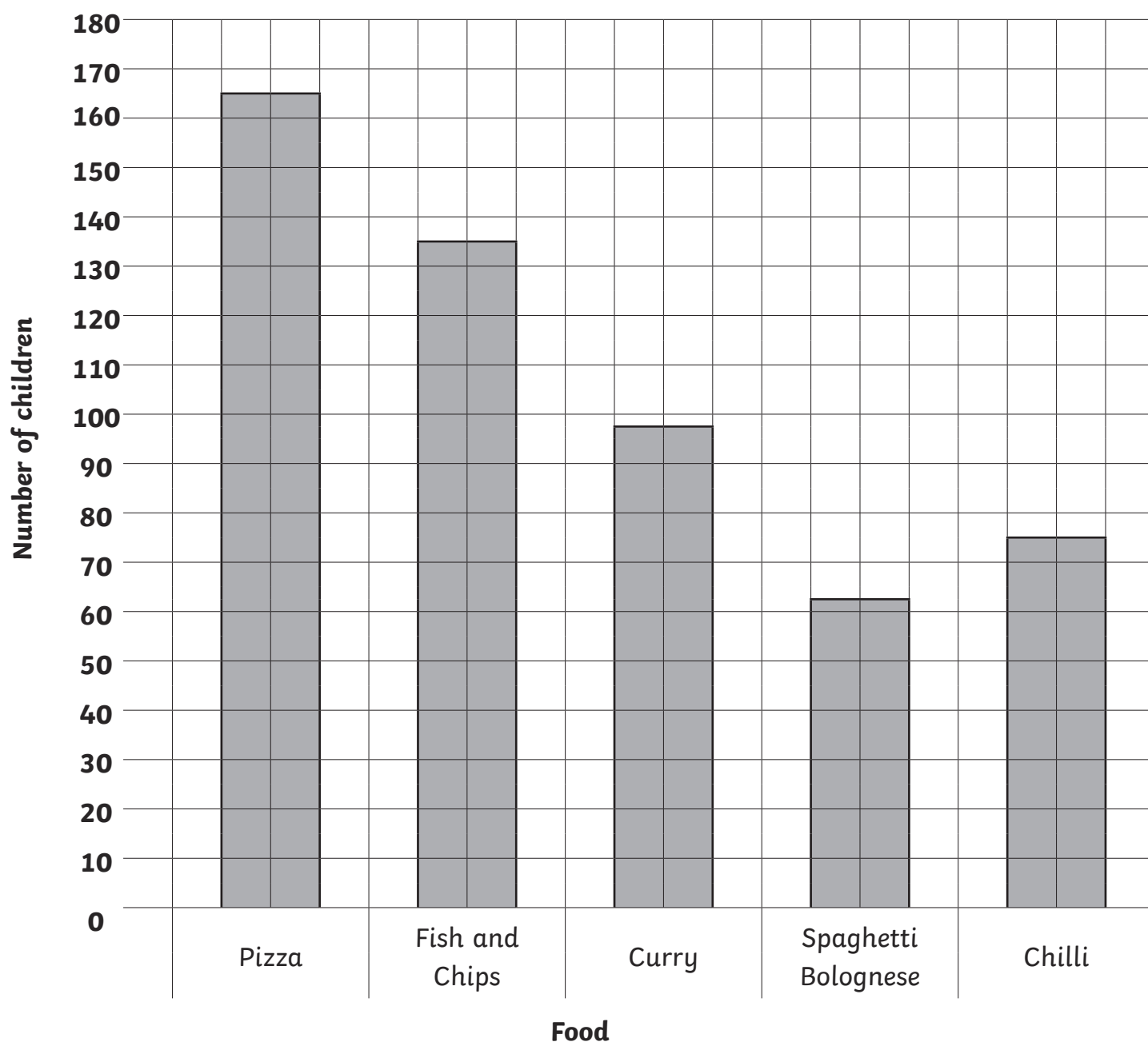
4.

**People's favourite Foods**



5. **Answers will vary.**

# Bar Charts

I can draw bar charts.

1. A group of 100 children record their favourite pets. Here are the results. Complete the following bar chart and table from the given information.

| Favourite Pet | Reptile | Dog | Guinea Pig | Hamster | Cat | Fish | Bird |
|---|---|---|---|---|---|---|---|
| Number of Children | 11 | | 16 | 9 | 21 | 10 | 9 |

**People's favourite Pets**



Number of children (y-axis, 0 to 25)

Favourite Pet (x-axis): Reptile, Dog, Guinea Pig, Hamster, Cat, Fish, Bird
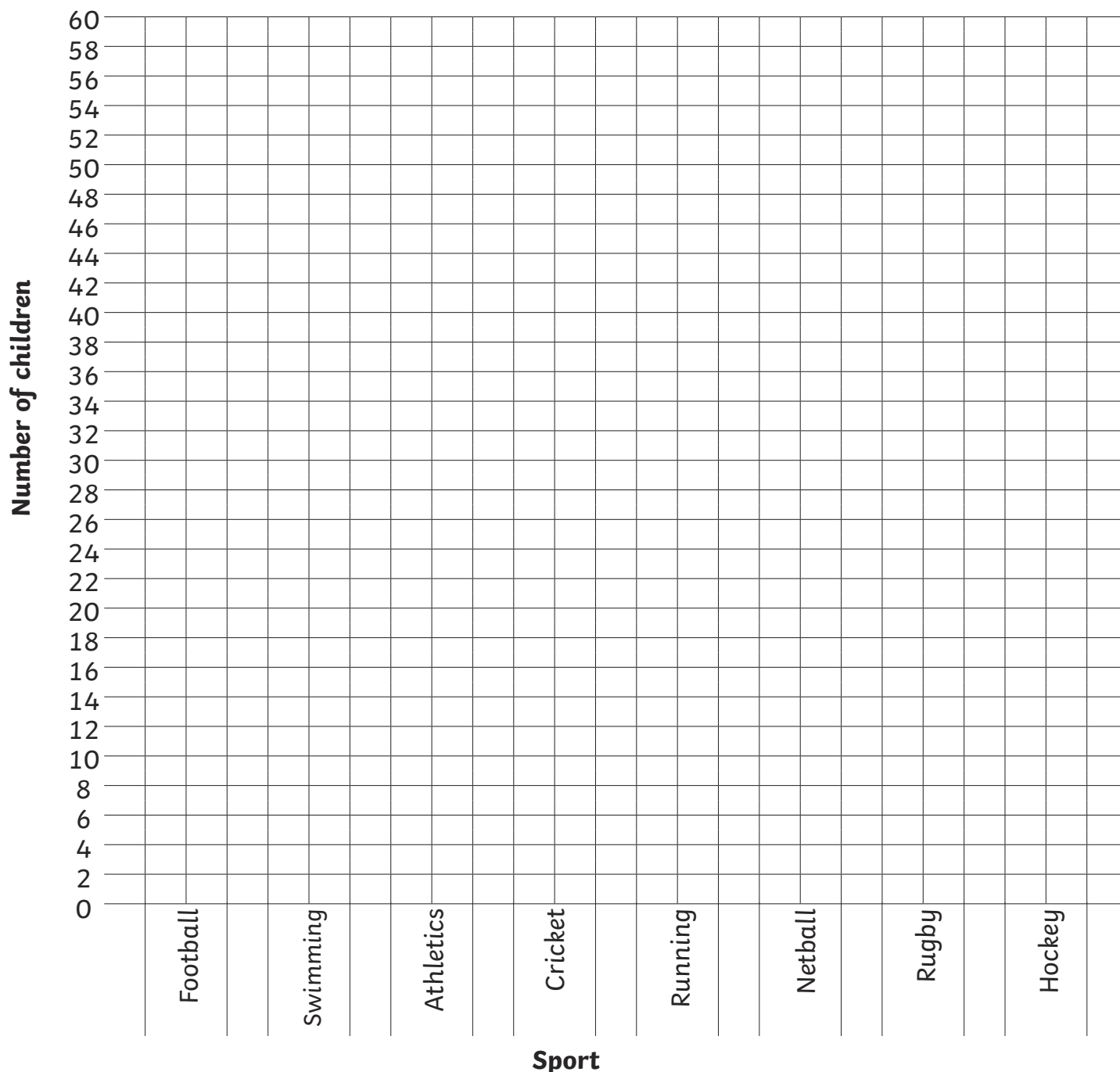
Dog bar = 24
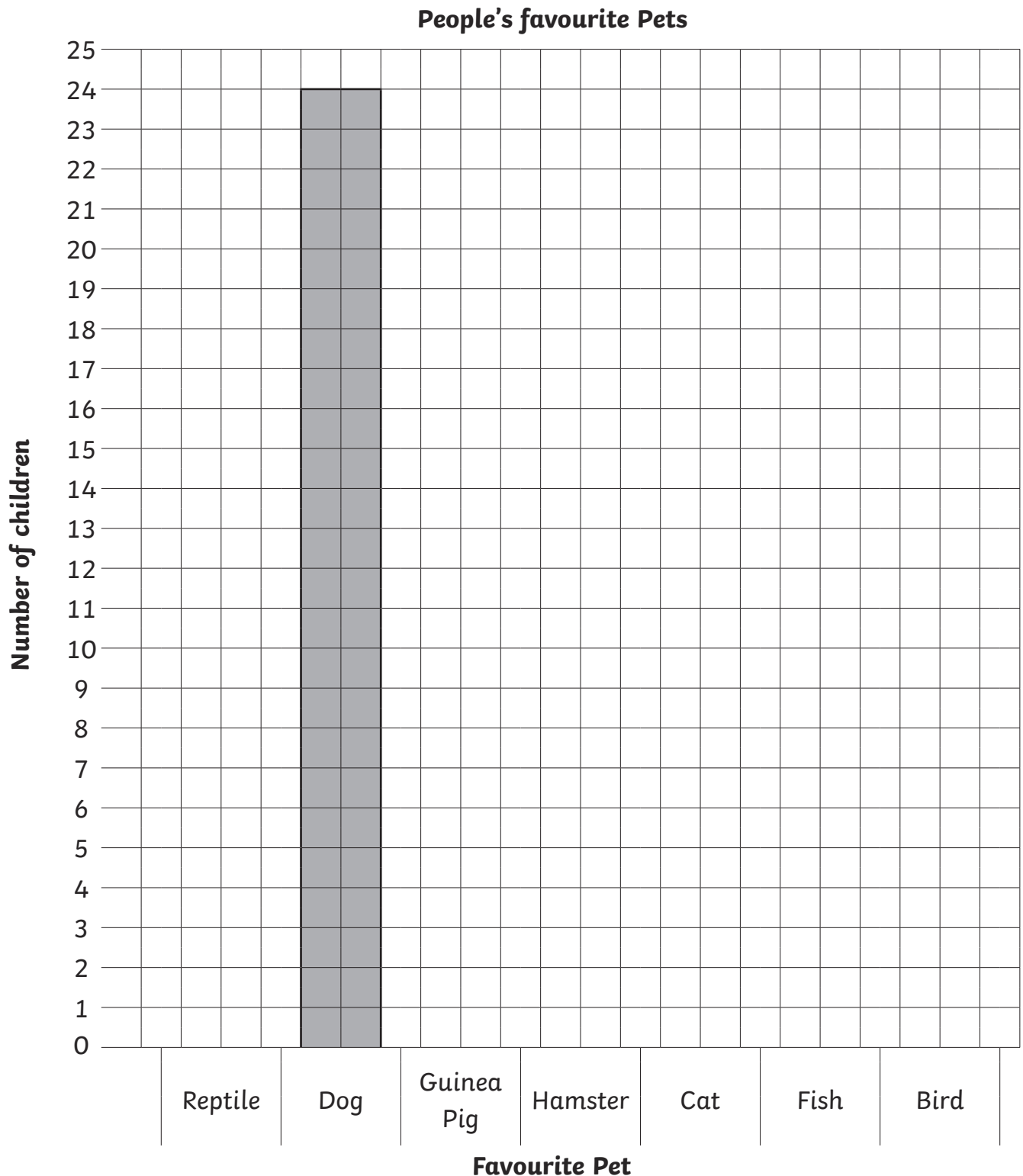
2. The favourite sport of 200 children is recorded.
   Complete the table using the information below.

| Favourite Sport | Football | Swimming | Athletics | Cricket | Running | Netball | Rugby | Hockey |
|---|---|---|---|---|---|---|---|---|
| Number of Children | | 17 | | | 21 | 14 | | |

- One quarter of the children chose football as their favourite sport.
- As many children who chose running and netball chose cricket.
- Twice as many children chose rugby as chose netball.
- Five more children chose athletics than hockey.

Use the information in the table to draw a bar chart.

**People's favourite Sports**

Number of children

60
58
56
54
52
50
48
46
44
42
40
38
36
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0

Football  Swimming  Athletics  Cricket  Running  Netball  Rugby  Hockey

**Sport**

3. Write your own problem similar to question 2 for others to solve.

4. Write your own problem similar to question 2 for others to solve.

# Bar Charts - Answers

1.

| Favourite Pet | Reptile | Dog | Guinea Pig | Hamster | Cat | Fish | Bird |
|---|---|---|---|---|---|---|---|
| Number of Children | 11 | 24 | 16 | 9 | 21 | 10 | 9 |

**People's favourite Pets**



Number of children
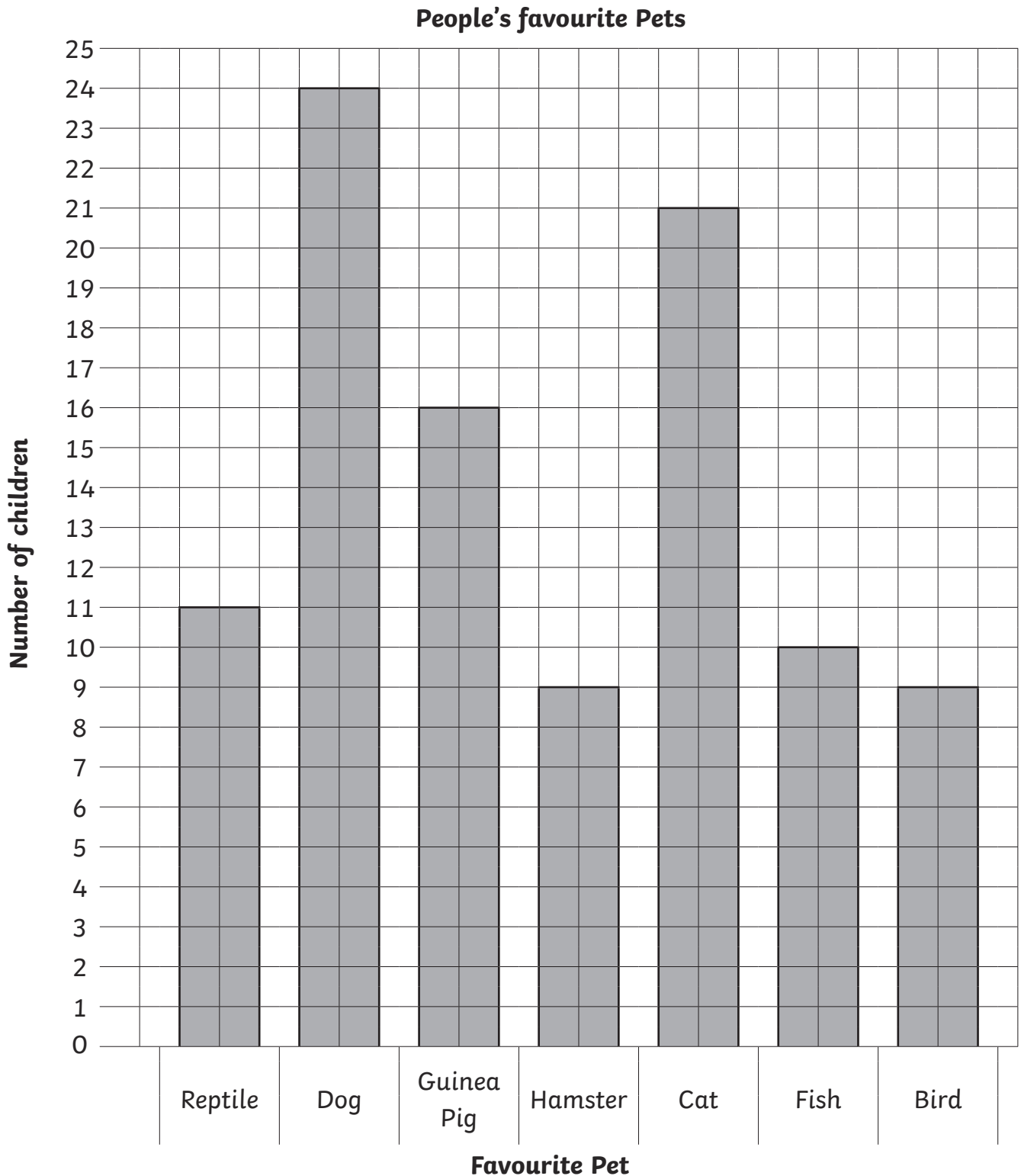
Favourite Pet

2.

| Favourite Sport | Football | Swimming | Athletics | Cricket | Running | Netball | Rugby | Hockey |
|---|---|---|---|---|---|---|---|---|
| Number of Children | 50 | 17 | 20 | 35 | 21 | 14 | 28 | 15 |

### People's favourite Sports
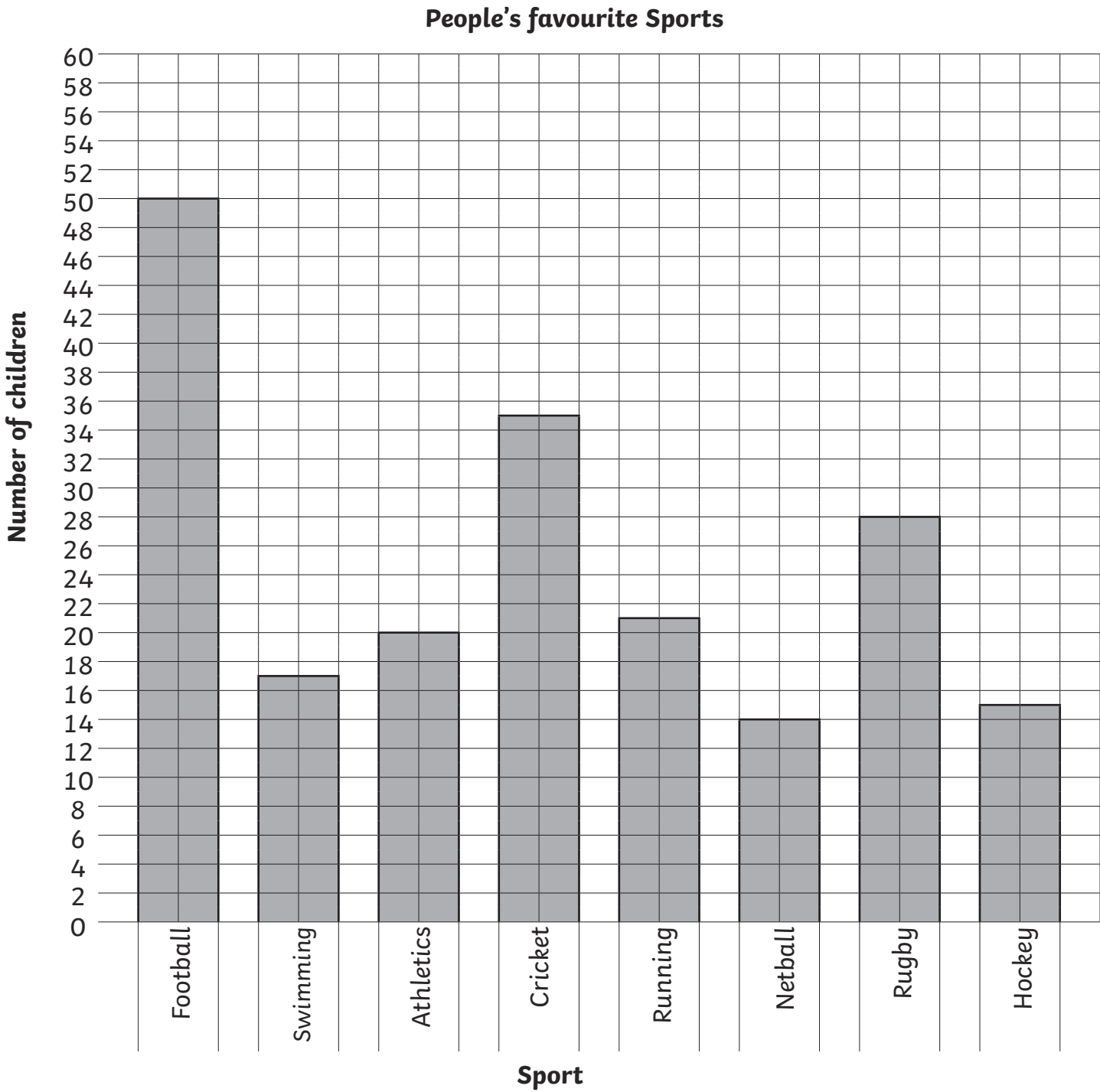


3. **Answers will vary.**

4. **Answers will vary.**