

Data problems



Data means information. To understand data we just need work out what the information is telling us. Information can be presented in tables, charts or graphs to make it easier to read.

FACT FILE

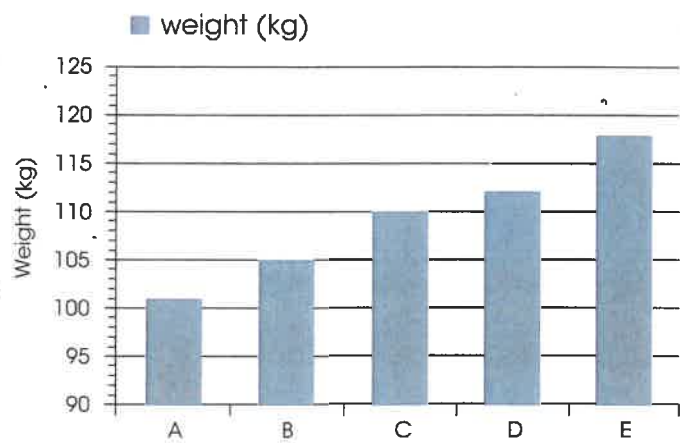
Animal: Ostrich
Habitat: Semi-arid plains and woodlands
Weight: 100 to 160 kg
Lifespan: 40 to 45 years
Diet: Plants and small invertebrates

WILD FACT

The long legs of an ostrich can be tough weapons. They are capable of killing a human or even a lion with their kick!



Task 1 Look at the chart and fill in the missing data in the table below.

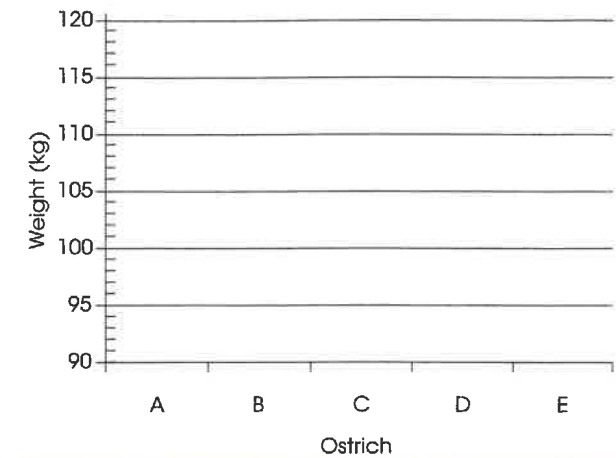


| Ostrich | Weight (kg) |
|---------|-------------|
| A | 101 |
| B | |
| C | 110 |
| D | |
| E | |

Task 2

Plot the data from the table on to the chart by drawing coloured bars for each ostrich.

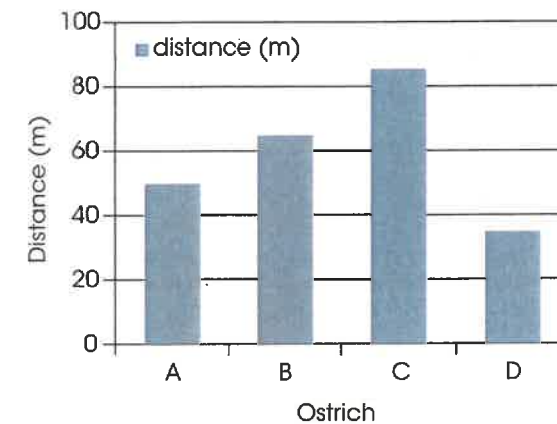
| Ostrich | Weight (kg) |
|---------|-------------|
| A | 120 |
| B | 103 |
| C | 114 |
| D | 119 |
| E | 107 |



Task 3

Scientists measured how far four ostriches ran in a 10-minute period.

Look at the chart below and answer the following questions.



- Which ostrich ran the furthest distance? _____
- Which ostrich (A, B or C) ran the shortest distance? _____
- Ostrich D ran 15 m less than ostrich A. Show this on the table.

| Ostrich | Distance (m) |
|---------|--------------|
| A | 50 |
| B | 65 |
| C | 84 |
| D | |

WILD FACT

In certain African countries, people race each other on the backs of ostriches.

Exploring Further ...

Look at the table in task 3 and answer the following.

- What was the average distance travelled by all ostriches? (The mean) _____
- What was the difference between the highest and the lowest? (The range) _____

Now dash to pages 44-45 to record what you have learned in your explorer's logbook.