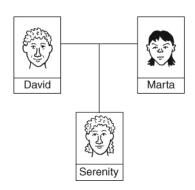
| Name | Class | Date |  |
|------|-------|------|--|

- 1 Serenity is David and Marta's daughter. This relationship is shown on the family tree diagram on the right.
  - a Use ticks (✓) to complete the table to show which parent Serenity has inherited some of her characteristics from.

|                | David | Marta |
|----------------|-------|-------|
| hair colour    |       |       |
| hair curliness |       |       |
| nose shape     |       |       |



**b** Complete the following sentence to describe the difference between environmental variation and inherited variation:

Environmental variation is differences in characteristics caused by things around you  $\dots$ 

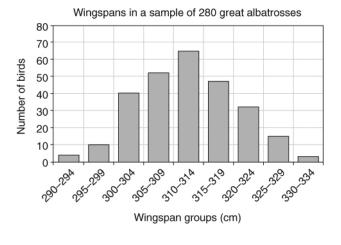
- **2** a Where in an animal's body would you find genetic information? Tick  $(\checkmark)$  the best answer.
  - only in the gametes
    - only in the brain
  - in the nuclei of all cells
- *~* . . . .

 $\neg$  in the blood

- **b** What does genetic information do? Tick (✓) the best answer.
  - controls inherited characteristics
- causes environmental variation

contains genes

- provides evidence for genes
- **3** The bar chart shows the total lengths of great albatross wings when they are flying.
  - a Which wingspan group had 15 birds in it?
  - **b** What is the shape formed by the bars on this bar chart called?
  - **c** What can you say about the numbers of the birds with average wing spans?



## ı can..

- identify and explain inherited variation
- interpret bar charts.