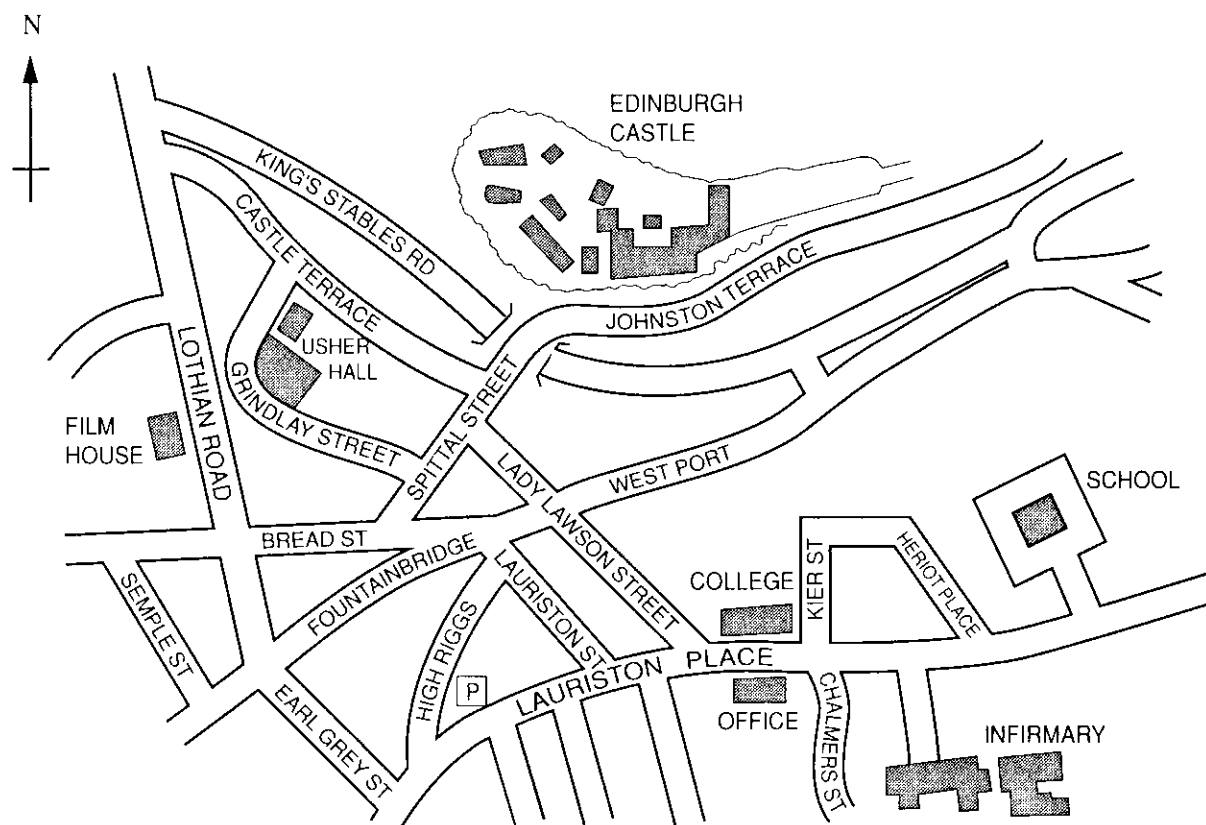


8 This is a map of part of Edinburgh.



- (a) Sian walks along West Port and turns left into Lady Lawson Street. She then turns left into Lauriston Place.

(i) Which building is on her left?

(a)(i)[1]

(ii) In which compass direction is she walking now?

(ii)[1]

- (b) Barbara leaves Usher Hall and walks to the school. Complete these instructions for her journey by filling in the gaps.

Turn left out of Usher Hall into Grindlay Street and then turn left into

Take the first into Lady Lawson Street and then the second left into and then the left to the school.

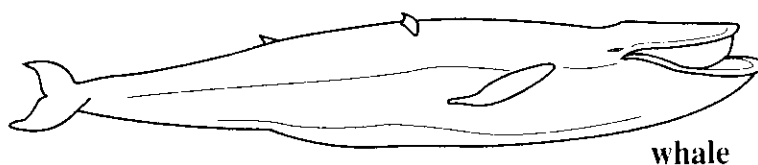
[2]

4	
---	--

[Turn over



9 (a)



The length of the white shark is 9 m.

(i) Estimate the length of the whale.

(a)(i)m [1]

(ii) Estimate the length of the marlin.

(ii)m [1]

(b) In an angling contest the weight of the largest fish caught was 1.8 kg.

Write 1.8 kg in grams.

(b)g [1]

3	
---	--



- 10 This is a timetable for travelling to Leeds Castle from London by train and coach.

Train from London	dep.	09 08	10 08	11 08	12 08	13 08
Bearsted	arr.	10 03	11 03	12 03	13 03	14 03
Coach from Bearsted	dep.	10 30	11 30	12 30	13 30	14 30
Leeds Castle	arr.	10 50	11 50	12 50	13 50	14 50

- (a) Darren is travelling to Leeds Castle.
He gets the train from London at 09 08.

How long must he wait for the coach at Bearsted?

(a)minutes [1]

- (b) Alice catches the 11 08 train from London.

(i) At what time does she get to Leeds Castle?

(b)(i)[1]

(ii) How long does it take her to get from London to Leeds Castle?

(ii) hoursminutes [2]

- (c) A travel company charges £21.80 for a day trip to Leeds Castle.
Pensioners pay half price.

How much does a pensioner pay?

(c) £.....[1]

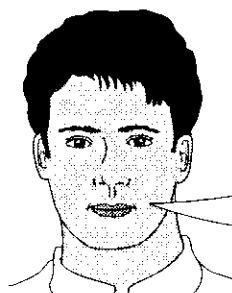
5	
---	--

[Turn over



- 11 Sajid has written this number pattern.

100 94 88 82 76



I can find the fifteenth number by
working out

$$100 - 14 \times 6 = 16$$

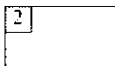
Sajid is correct.

Explain why this method works.

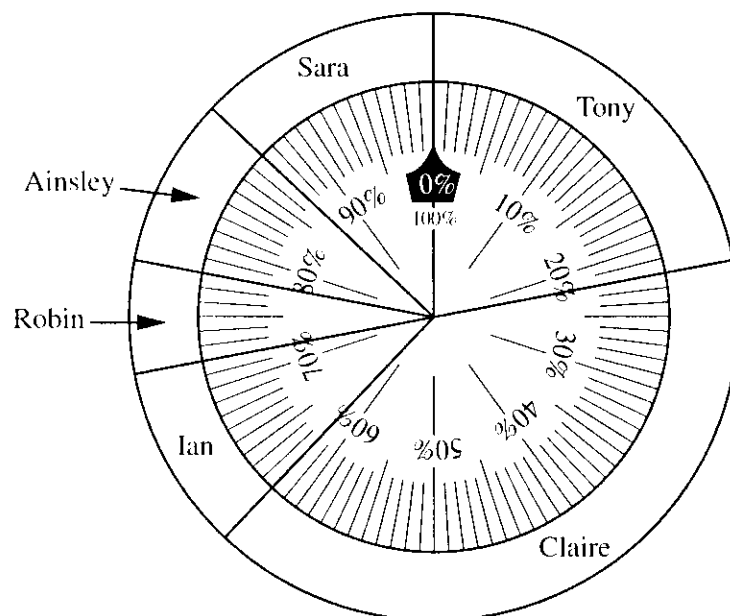
.....

.....

.....[2]



- 12 (a) A television talent show asks viewers to phone in to vote for their favourite singer.
This pie chart shows the results.



- (i) Which singer had the most votes?

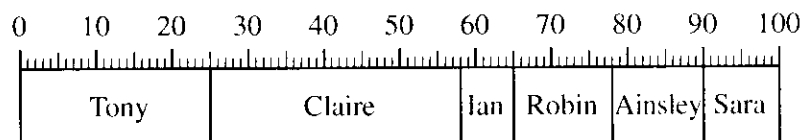
(a)(i)[1]

- (ii) Which singer had 9% of the votes?

(ii)[1]



(b) This percentage bar shows how everyone in the studio audience voted.



(i) Which singer had the least number of votes?

(b)(i)[1]

(ii) Which singer had 13% of the votes?

(ii)[1]

(c) 25% of the studio audience voted for Tony.

(i) Write 25% as a fraction.

(c)(i)[1]

(ii) Tony received 120 votes from the studio audience.

Work out the number of people in the audience.

(ii)[2]

7

TURN OVER FOR QUESTION 13



- 13 (a) Howard uses this formula to work out the area of his garden fence.

$$\text{Area} = \text{length} \times \text{height} \times 2$$

Work out the area when the length is 55 m and the height is 2 m.

(a)m² [1]

- (b) (i) This formula is used to work out how much paint is needed for a fence.

$$\text{Number of litres of paint} = \text{area divided by 16}$$

Sandra's fence has an area of 280 m².

How many litres of paint does she need?

(b)(i)litres [1]

- (ii) Paint is sold in 5 litre tins.

How many tins must Sandra buy?

(ii)[2]

4	
---	--

