Free-Standing Mathematics Qualification
June 2006
Advanced Level

WORKING WITH ALGEBRAIC AND   **6991/2PM**
GRAPHICAL TECHNIQUES
Unit 11

AQA

ASSESSMENT and
QUALIFICATIONS
ALLIANCE

PRELIMINARY MATERIAL

DATA SHEET

To be issued to candidates between Wednesday 3 May 2006 and Wednesday 10 May 2006

REMINDER TO CANDIDATES

YOU MUST **NOT** BRING THIS DATA SHEET
WITH YOU WHEN YOU SIT THE EXAMINATION.
A CLEAN COPY WILL BE MADE AVAILABLE.

6991/2PM

Trees

The table shows the heights and circumferences of some fir trees.

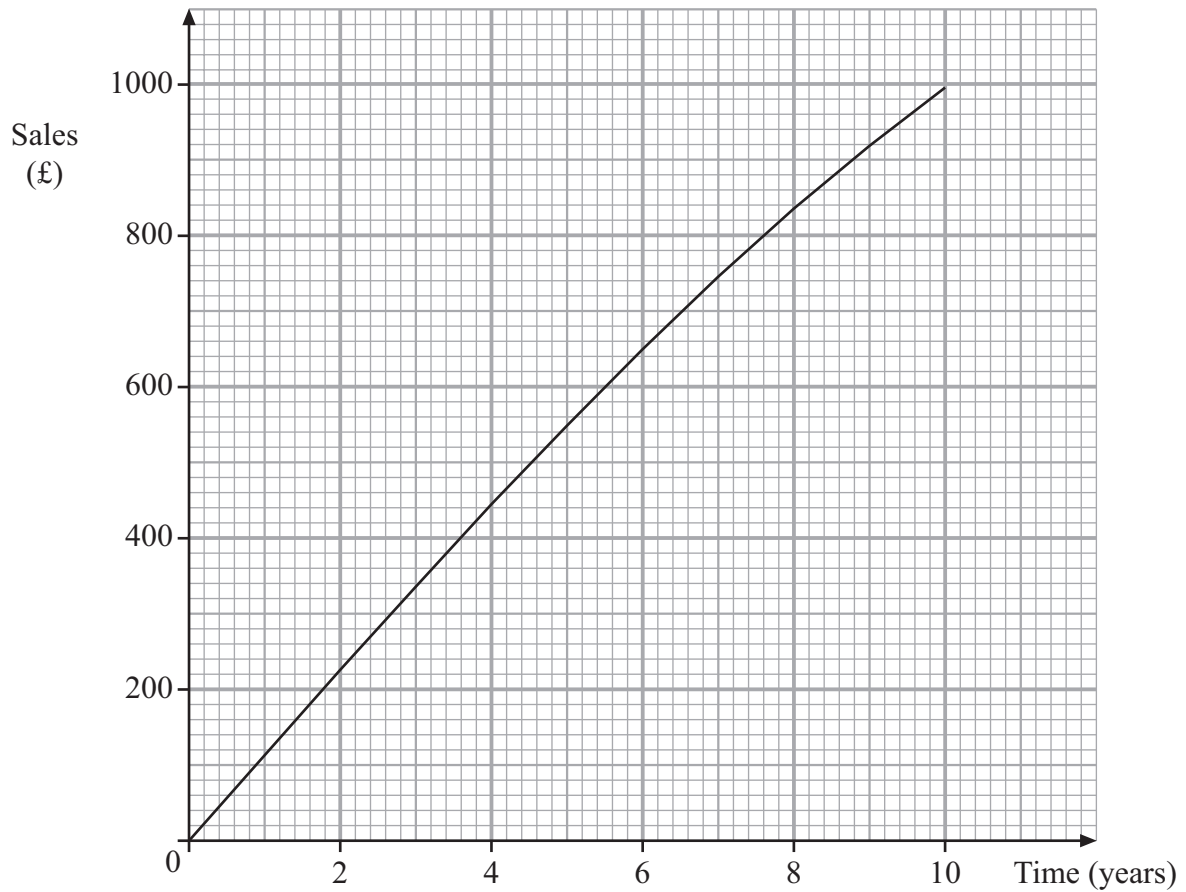| Circumference (cm)	10	38	55	68	81	94
Height (cm)	130	260	440	580	760	1000

Life expectancy

The life expectancy of a person is the number of **further** years that they are expected to live.
For example, a man who has reached the age of 55 years can expect to live a **further** 24 years.
The table shows the life expectancy at various ages for males in Europe.

Age	Life expectancy
5	71
15	61
25	51
35	41
45	33
55	24
65	16
75	9
85	5
95	3

Organic food

The graph shows a supermarket's average daily sales of organic food each year starting in 1995.

Year 0 is 1995 and year 10 is 2005.

Bacteria

In an experiment, the number of bacteria is recorded every hour.

Hour	1	2	3	4	5	6
Number of bacteria	70	390	1100	2240	3900	6200

END OF DATA SHEET

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