

Free-Standing Mathematics Qualification
June 2008
Foundation Level



MAKING SENSE OF DATA
Unit 3

6983/2PM

PRELIMINARY MATERIAL

DATA SHEET

**To be issued to candidates between Thursday 1 May 2008
and Thursday 8 May 2008**

REMINDER TO CANDIDATES

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

Grams of fibre

Vegetables and pulses contain fibre beneficial to a person's health. The amount of fibre depends on the particular plant source and the weight eaten.

The table below gives the amount of fibre in a generous serving of a number of vegetables and pulses.

Vegetable or pulse	Weight of serving (in grams)	Grams of fibre
Baked beans in tomato sauce	200	8
Baked potato (with skin)	200	7
Broccoli	115	3
Brussels sprouts	200	5
Butter beans	200	6
Cabbage	100	2
Carrots	175	5
Leeks	150	1.5
Lentils	40	9
Mushy peas	150	5
Peas	150	8
Runner beans	100	2.5

Birmingham in the 1800s

In Birmingham in the mid-1800s, life expectancy was $23\frac{3}{4}$ years.

In 2002, the life expectancy for women was 81 years and for men was 76 years.

In the mid-1800s, the average person started work at the age of 8 years.

In 2002, the age of starting work was 16 years.

The average person worked for 60 hours each week in the mid-1800s.

In 2002, the average person worked for 41 hours.

The average person needed to spend 70% of their income on food and housing in the mid-1800s, whereas in 2002 it was 20%.

Internet sites

The seven most frequently used internet sites in the UK, in January 2006, are listed below.

Internet site	Number of unique UK users, January 2006 (in thousands)
Amazon	7 029
BBC	10 210
eBay	10 379
Google	16 368
Microsoft	12 725
MSN	13 705
Yahoo!	11 981

Energy sources

The primary sources of energy used in the United Kingdom in 2004 were as shown in the table below.

Energy source	Percentage of energy supplied
Coal	17
Natural gas	41
Nuclear	8
Oil	32
Renewable	2

Turn over

Turn over ►

Telephone costs

The table below gives the cost of a twenty minute telephone call from Glasgow to London for a number of different years.

Year	Cost
1985	£ 1.52
1990	£ 1.35
1995	£ 1.29
2000	34p
2005	5.5p

END OF DATA SHEET

ACKNOWLEDGEMENT OF COPYRIGHT-HOLDERS AND PUBLISHERS

Grams of fibre: From The F2 Diet by Audrey Eyton, published by Bantam Books. Reprinted by permission of The Random House Group Ltd.

Birmingham in the 1800s: www.statistics.gov.uk Reproduced under the terms of the Click-Use Licence.
National Trust: Birmingham Back to Backs Exhibition

Internet sites: Nielson/NetRatings UK

Energy sources: Digest of United Kingdom Energy Statistics 2004. Reproduced under the terms of the Click-Use Licence.

Copyright © 2008 AQA and its licensors. All rights reserved.