

Free-Standing Mathematics Qualification  
January 2008  
Foundation Level



**MAKING SENSE OF DATA**  
**Unit 3**

**6983/2PM**

**PRELIMINARY MATERIAL**

**DATA SHEET**

**To be issued to candidates between Friday 18 January 2008  
and Friday 25 January 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.**

### Temperatures in Europe

The temperatures, in degrees centigrade, were recorded in 14 European capital cities at noon on 21 January 2006.

City	Temperature (°C)
Athens	1
Berlin	-11
Brussels	0
Copenhagen	-4
Dublin	6
Helsinki	-1
Lisbon	10
London	4
Madrid	6
Paris	0
Prague	-10
Rome	7
Stockholm	-2
Vienna	-12

### Calories burned per hour

The number of calories burned by a person, per hour, during any form of activity depends on both the activity and the person's body weight. The calories burned per hour for some activities and body weights are shown in the table below.

Body weight (pounds)	Activity			
	Brisk walking	Running	Soccer or tennis	Swimming
100	155	615	270	230
120	190	740	325	280
150	235	920	405	345
200	310	1230	540	460

### **Cost of owning and running a car**

The RAC has calculated that in 2005 the average weekly cost of owning and running a car was £96.

The breakdown of this cost is shown in the table below.

	<b>Cost per week</b>
Depreciation	£ 38.20
Fuel	£ 22.20
Finance to buy the car	£ 18.20
Insurance/Tax/Maintenance/Service/RAC membership	£ 17.40

### **Airline passengers**

For the year from September 2004 to August 2005, the numbers of passengers flown by the four airlines which carry most British passengers are shown in the table.

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**Turn over**

**Turn over ►**

## **Parking fines**

A person receiving a parking ticket may contest the fine by appealing to the Parking Adjudicator.

‘The National Parking Adjudication Service’ has responsibility for appeals made outside Greater London and ‘The Parking and Traffic Appeals Service’ has responsibility for appeals made in Greater London.

In 2004, five million parking tickets were issued in Greater London. Of these, 44 280 were contested.

The five London boroughs which had the greatest numbers of appeals are listed below, together with the number of appeals each allowed.

<b>Borough</b>	<b>Appeals allowed</b>	<b>Appeals</b>
Barnet	1503	2700
Islington	1310	2080
Kensington and Chelsea	1886	2898
Lambeth	2657	3638
Westminster	5254	8936

**END OF DATA SHEET**

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Cost of owning and running a car: Express Newspapers

Airline passengers: Daily Mail

Parking fines: Parking and Traffic Appeals Service

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