

MARK SCHEME for the May/June 2011 question paper
for the guidance of teachers

**0417 INFORMATION AND COMMUNICATION
TECHNOLOGY**

0417/32

Paper 3 (Practical Test B), maximum raw mark 80

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes must be read in conjunction with the question papers and the report on the examination.

- Cambridge will not enter into discussions or correspondence in connection with these mark schemes.

Cambridge is publishing the mark schemes for the May/June 2011 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.

Page 2	Mark Scheme: Teachers' version	Syllabus	Paper
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Candidate name

Centre number

Candidate number

<HTML>

<HEAD>

<TITLE>London 2012 Olympics - Records page 1</TITLE>

<link rel="stylesheet" type="text/css" href="2012.css">

Stylesheet 2012.css attached 1 mark

</HEAD>

<BODY>

Anchor TOP 1 mark

<TABLE width="95%" cellpadding="3px" cellspacing="5px">

<TR align="center" valign="middle">

Table Width 95% 1 mark
Cellspacing = "5px" 1 mark
Cellpadding = "3px" 1 mark

<TD rowspan = "2"> </TD>

<TD colspan = "2"> <h3>Edited by A Candidate, XX999, 9999</h3></TD>

<TD rowspan = "2"> </TD>

</TR>

Image Width = "160px" 1 mark
Filename will differ

<TR align="center" valign="middle">

<TD colspan = "2"> </TD>

</TR>

<TR align="center" valign="middle">

<TD>

</TD>

Image Renamed to J1BANNER1.JPG 1 mark
Width = "360px" 1 mark

<TD>

</TD>

<TD>

</TD>

Top 3 rows Align="center" 1 mark
Valign="middle" 1 mark

<TD>

</TD>

</TR>

<TR>

<TD colspan = "4"> <h1>Men's Olympic records</h1></TD>

</TR>

<TR>

<TD>

<h2>Record Holder</h2>

</TD>

<TD>

<h3>Bob Beamon</h3>

</TD>

<TD>

<h3>Usain Bolt</h3>

</TD>

<TD>

<h3>Andreas Thorkildsen</h3>

</TD>

</TR>

<TR>

<TD colspan = "4"> <h1>Contact us for great ticket deals. Watch the next generation of amazing athletes try to shatter these records! </h1></TD>

</TR>

<TR>

<TD colspan = "4"> <h4>Click Here to return to the top of the page.</h4></TD>

</TR>

</TABLE>

</BODY>

</HTML>

Hyperlink Click Here 1 mark
Returns to Top 1 mark

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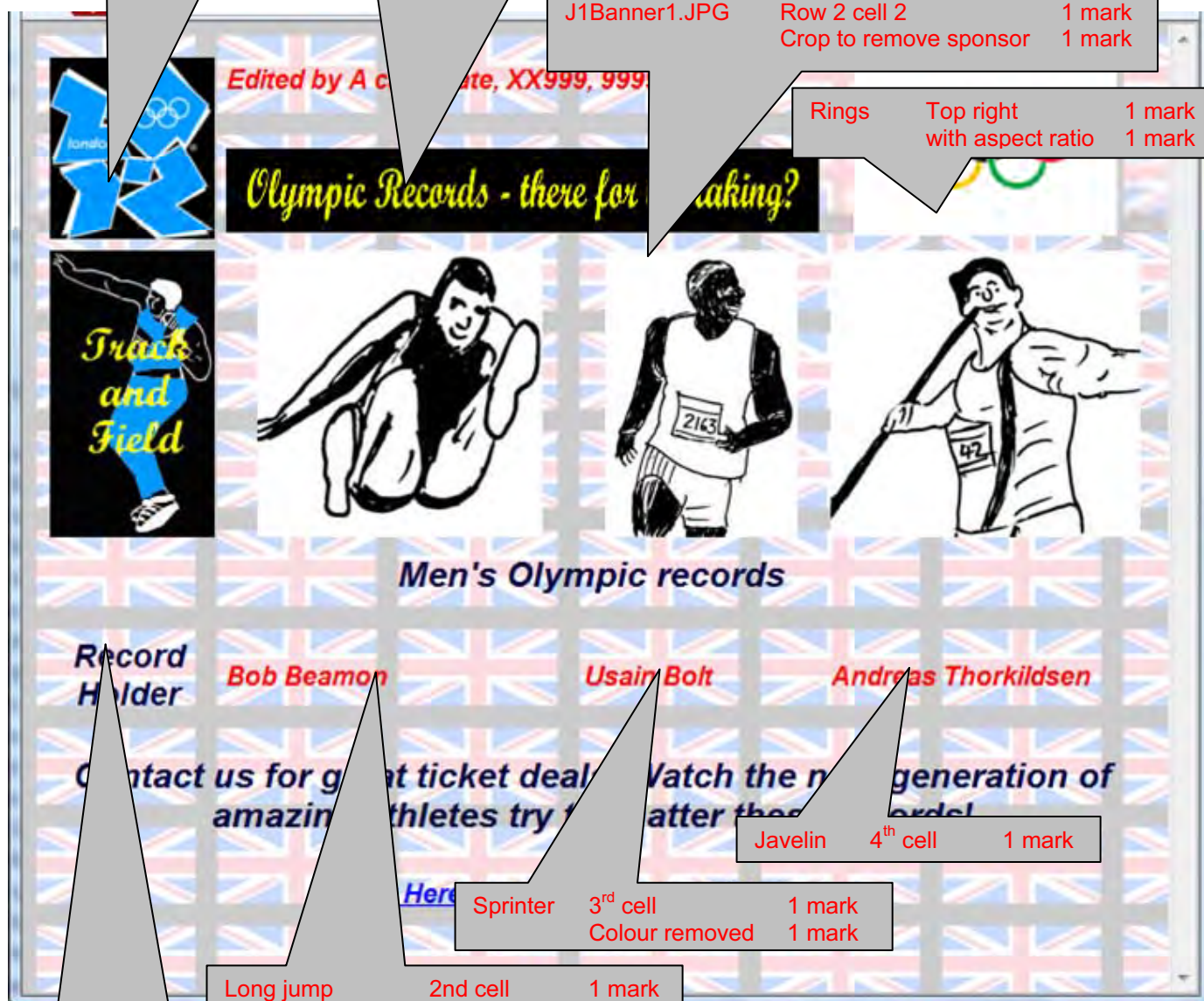
Candidate name Centre number Candidate number

Image J1-2012.PNG in top left cell 1 mark

Top centre cell Edited by & name & No's 1 mark

J1Banner1.JPG Row 2 cell 2 1 mark
Crop to remove sponsor 1 mark

Rings Top right 1 mark
with aspect ratio 1 mark



Shot putt row 3 left cell (row 3) 1 mark

Long jump 2nd cell 1 mark

Sprinter 3rd cell 1 mark
Colour removed 1 mark

Javelin 4th cell 1 mark

Table structure	7 rows and 4 columns	1 mark
	Merge rows 1 and 2 in column 1	1 mark
	Merge rows 1 and 2 in column 4	1 mark
	Merge columns 2 and 3 in row 1	1 mark
	Merge columns 2 and 3 in row 2	1 mark
	Merge all cells in row 4	1 mark
	Merge all cells in rows 6 and 7	1 mark

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Candidate name Centre number Candidate number

Row 5 Text 100% correct 1 mark
Style h2 1 mark

Row 4 Text 100% correct 1 mark
Style h1 1 mark

Beamon Searched 1 mark
Cell 2 in style h3 1 mark

Bolt Searched 1 mark
Cell 3 in style h3 1 mark

Thorkildson Searched 1 mark
Cell 4 in style h3 1 mark

Olympic Records - there for making?

Men's Olympic records

Record Holder	Bob Beamon	Usain Bolt	Andreas Thorkildsen
Record Holder			

Contact us for ticket deals Watch the next generation of try to better these records

Click Here to view the page.

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Candidate name Centre number Candidate number

Row 6 Text 100% correct 1 mark
Style h1 1 mark

London 2012

Records - there for the taking?

Track and Field

Men's Olympic records

Record Holder	Bob Beamon	Usain Bolt	Andreas Thorkildsen
---------------	------------	------------	---------------------

Contact us for great ticket deals. Watch the next generation of amazing athletes try to shatter these records!

[Click Here](#) to return to the top of the page.

Row 7 Text 100% correct 1 mark
Style h4 1 mark

Page 6	Mark Scheme: Teachers' version	Syllabus	Paper
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Candidate name _____ Centre n _____



Master slide	White	
Background	Slide numbers top right	1 mark
Image	j1London top left	1 mark
	Resized to 50% original	1 mark
Name & no's	Bottom left, left aligned	1 mark
	12 point, serif	1 mark
Master objects	Not overlapping any object	1 mark

New slide		
New slide	Before slide 1	1 mark
Subtitle	100% correct	1 mark
Title	100% correct	1 mark
	Below subtitle	1 mark

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Candidate name

Centre number

Candidate number

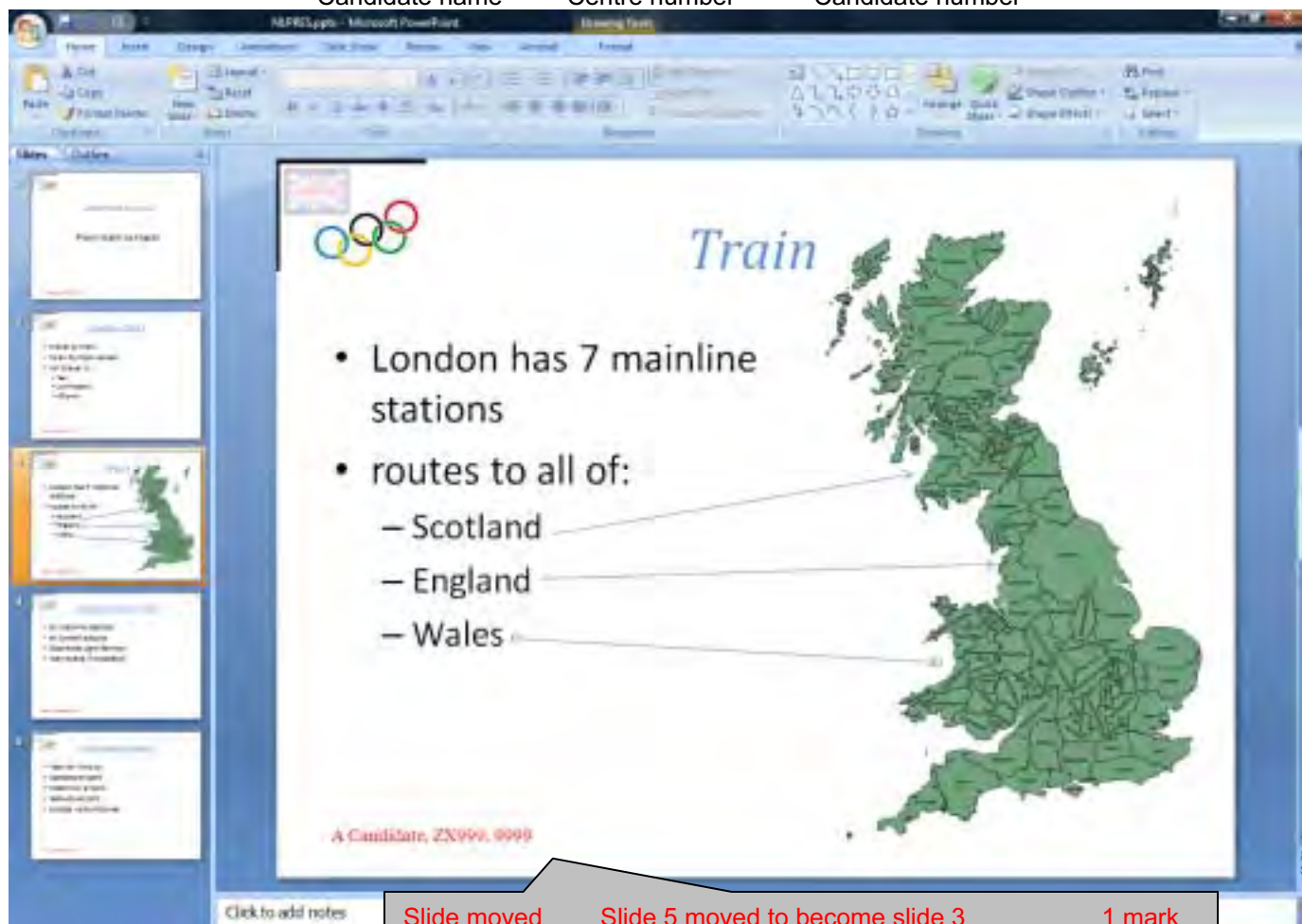
The screenshot shows a Microsoft PowerPoint presentation titled 'London 2012'. The slide features the Olympic rings logo and the text 'London 2012'. Below this, there is a bulleted list of points:

- travel by train
- to all Olympic venues
- rail travel is:
 - fast
 - comfortable
 - efficient

At the bottom of the slide, there is a red text box that reads 'A Candidate, ZN999, 9999'. The PowerPoint interface is visible, including the ribbon at the top and the taskbar at the bottom.

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Candidate name Centre number Candidate number



Slide moved
Slide 3

Slide 5 moved to become slide 3

Countries split as 3 bullets

Formatted as slide 2

'and' and punctuation removed

Correct image - searched

Edited / cropped to remove other countries

Placed on right of slide

More than 50% of height & aspect ratio

Arrow – Correct each country

1 mark

1 mark

1 mark

1 mark

1 mark

1 mark

1 mark

1 mark

1 mark

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Candidate name

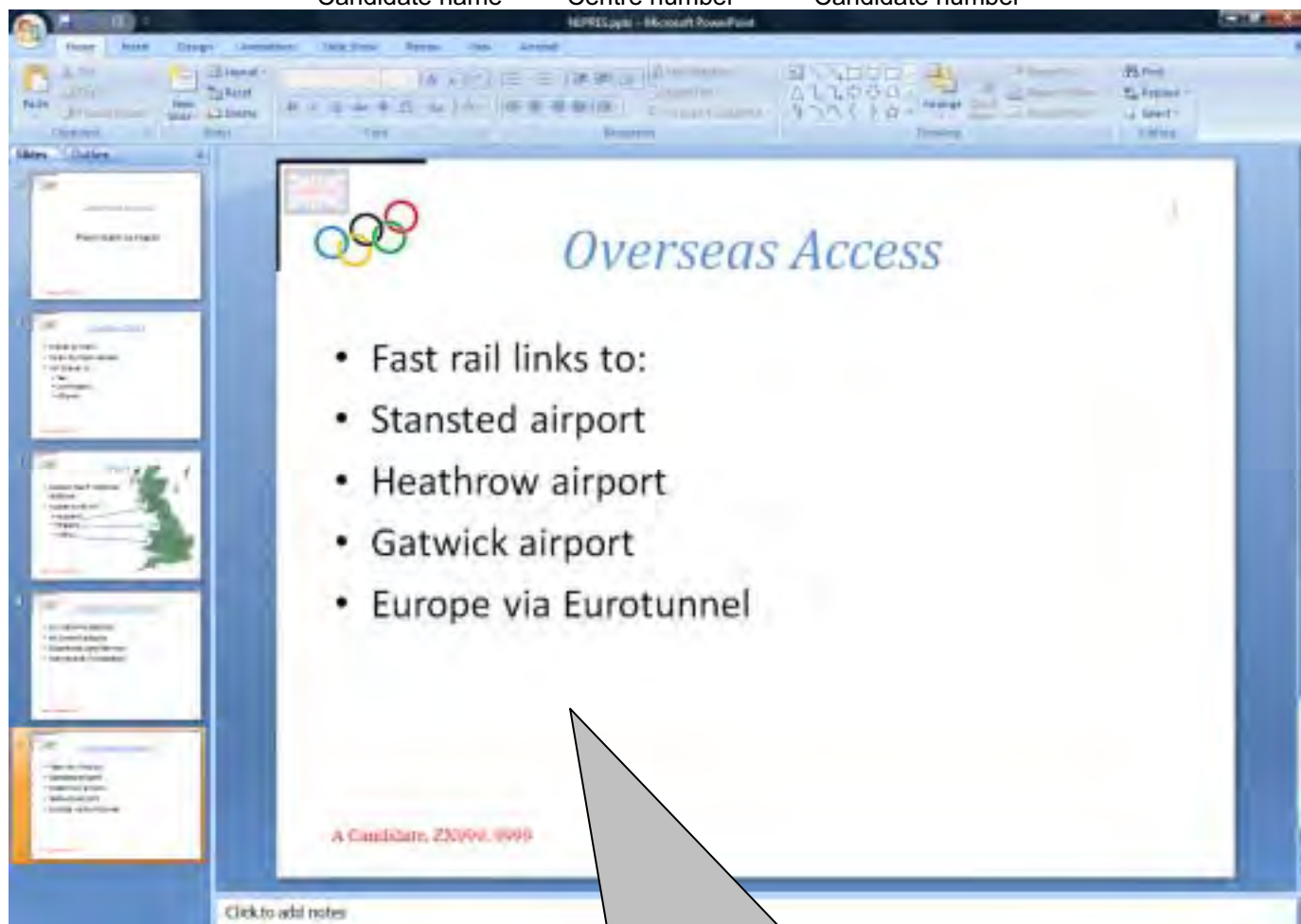
Centre number

Candidate number

The screenshot shows a Microsoft PowerPoint presentation titled 'Underground links'. The slide features the Olympic rings logo in the top left corner. The main content is a bulleted list of locations: all mainline stations, all London suburbs, Docklands Light Railway, and main arena in Stratford. At the bottom of the slide, there is a red text box that reads 'A Candidate, ZX999, 9999'. The presentation is displayed in a window titled 'HPP151.pptx - Microsoft PowerPoint'. The left sidebar shows a list of slides, with the current slide being the first one. The bottom status bar indicates 'Click to add notes'.

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Printed

One slide per page – slide only

1 mark

h1 { color: #000040; font-family: "Arial", sans-serif; font-size: 16pt; font-style: italic; text-align: center }
h2 { color: #000040; font-family: "Arial", sans-serif; font-size: 14pt; font-style: italic; text-align: center }
h3 { color: #FF0000; font-family: "Arial", sans-serif; font-size: 12pt; font-style: italic; text-align: left }
h4 { color: #000040; font-family: "Arial", sans-serif; font-size: 12pt; font-style: italic; text-align: center }
h5 { color: #000022; font-family: "Arial", sans-serif; font-size: 11pt; font-style: italic; text-align: right }
li { color: #000080; font-family: "Arial", sans-serif; font-size: 10pt; font-style: italic; text-align: left; list-style-type: disc }
p { color: #000000; font-family: "Arial", sans-serif; font-size: 10pt; text-align: left }
body { background-image: url("j1flag.png"); background-color: #FFFFFF }
table { border-collapse: collapse; border: 0px solid #000000 }
td { border: 0px solid #000000; padding: 0.1em; spacing 0.1em }

Background image set to J1FLAG.PNG

1 mark

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The screenshot shows the Excel interface with the 'Formulas' tab selected. The 'Name Manager' task pane is open, showing a list of names. The 'New Name' dialog box is open, showing the name 'ARR', the scope 'Workbook', and the formula '=N1ARRIVE!\$A\$2:\$B\$25'. The data in the spreadsheet is as follows:

	A	B
1	Code	Arrival terminal
2	B	Blackfriars
3	BA	Barking
4	BU	Bushey
5	CC	Charing Cross
6	CS	Cannon Street
7	E	Euston
8	F	Farringdon
9	FP	Finsbury Park
10	HH	Harrow-on-the-Hill
11	HI	Highbury and Islington
12	HW	Harrow and Wealdstone
13	K	Kensington
14	KC	Kings Cross
15	LB	London Bridge
16	LS	Liverpool Street
17	M	Marylebone
18	O	Old Street
19	P	Paddington
20	S	Stratford
21	SP	St. Pancras
22	V	Victoria
23	W	Waterloo
24	WC	Walthamstow Central
25	WH	West Hampstead

Named range

ARR created from Arrive.csv A2-B25

1 mark

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Candidate name Centre number Candidate number

Header name, & numbers 1 mark		B	C	D
1	Arrival	Code	Number	
2	=VLOOKUP(B2,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	CC	=COUNTIF(\$C\$11:\$C\$203,B2)	
3	=VLOOKUP(B3,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	E	=COUNTIF(\$C\$11:\$C\$203,B3)	
4	=VLOOKUP(B4,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	KC	=COUNTIF(\$C\$11:\$C\$203,B4)	
5	=VLOOKUP(B5,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	LS	=COUNTIF(\$C\$11:\$C\$203,B5)	
6	=VLOOKUP(B6,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	M	=COUNTIF(\$C\$11:\$C\$203,B6)	
7	=VLOOKUP(B7,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	P	=COUNTIF(\$C\$11:\$C\$203,B7)	
8	=VLOOKUP(B8,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	V	=COUNTIF(\$C\$11:\$C\$203,B8)	
9				
10	Arrival time	Minutes late	Arrival code	Late Y/N
11	0.333333333333333	0	E	=IF(B11>0,"Y","N")
12	0.333333333333333		KC	=IF(B12>0,"Y","N")
13	0.333333333333333		LS	=IF(B13>0,"Y","N")
14	0.333333333333333		HW	=IF(B14>0,"Y","N")
15	0.334027777777778	-4	LS	=IF(B15>0,"Y","N")
16	0.334027777777778	3	HW	=IF(B16>0,"Y","N")
17	0.334027777777778	13	SP	=IF(B17>0,"Y","N")
18	0.334027777777778	2	LS	=IF(B18>0,"Y","N")
19	0.334027777777778	-2	BA	=IF(B19>0,"Y","N")
20	0.334027777777778	7	LS	=IF(B20>0,"Y","N")
21	0.334027777777778	1	S	=IF(B21>0,"Y","N")
22	0.334027777777778			=IF(B22>0,"Y","N")
23	0.334027777777778			=IF(B23>0,"Y","N")
24	0.334027777777778			=IF(B24>0,"Y","N")
25	0.334027777777778	3	SP	=IF(B25>0,"Y","N")

Arrival Lookup used 1 mark
Correct relative reference 1 mark
Correct range - named ARR 1 mark
Correct return column 1 mark

IF Returns Y if greater than 0 1 mark
Returns N if less than or equal to zero 1 mark

Replication All 3 formulae 1 mark
Formulae, data & labels Fully visible, single page wide, area = A1-D25 1 mark