

X208/13/41

NATIONAL THURSDAY, 29 MAY
QUALIFICATIONS 9.00 AM – 11.30 AM
2014

GEOGRAPHY
ADVANCED HIGHER
SECTION B
Supplementary Item D
for Q3

Fill in these boxes.

Full name of centre

Town

Forename(s)

Surname

Date of birth

Day Month Year

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Scottish candidate number

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Number of seat

If annotated by the candidate, to be placed inside
the front cover of the candidate's book and
thus sent to the Scottish Qualifications Authority.



SUPPLEMENTARY ITEM D FOR QUESTION 3

July rainfall totals in millimetres in Cambridge from 2001 to 2011

Year	Rainfall x	\bar{x} to 2 decimal places	$x - \bar{x}$ to 2 decimal places	$(x - \bar{x})^2$ to 2 decimal places
2001	55.1	54.45	0.65	0.42
2002	94.6	54.45	40.15	1612.02
2003	66.8	54.45	12.35	152.52
2004	59.3			
2005	43.7			
2006	45.1			
2007	62.1			
2008	52.1			
2009	71.0			
2010	10.8			
2011	38.4			
				$\Sigma(x - \bar{x})^2 =$

Formula for Standard Deviation

Standard deviation (σ) = $\sqrt{\frac{\Sigma(x - \bar{x})^2}{n}}$

- where
- Σ = is the sum of
 - x = the values
 - \bar{x} = the mean
 - n = number of observations
 - σ = standard deviation