

**General Certificate of Secondary Education
Functional Skills Certificate**

**Functional Mathematics (Pilot)
9305/9307**

Level 2, Competency Test, Paper 1

Mark Scheme

2009 examination - January series

Mark schemes are prepared by the Principal Examiner and considered, together with the relevant questions, by a panel of subject teachers. This mark scheme includes any amendments made at the standardisation meeting attended by all examiners and is the scheme which was used by them in this examination. The standardisation meeting ensures that the mark scheme covers the candidates' responses to questions and that every examiner understands and applies it in the same correct way. As preparation for the standardisation meeting each examiner analyses a number of candidates' scripts: alternative answers not already covered by the mark scheme are discussed at the meeting and legislated for. If, after this meeting, examiners encounter unusual answers which have not been discussed at the meeting they are required to refer these to the Principal Examiner.

It must be stressed that a mark scheme is a working document, in many cases further developed and expanded on the basis of candidates' reactions to a particular paper. Assumptions about future mark schemes on the basis of one year's document should be avoided; whilst the guiding principles of assessment remain constant, details will change, depending on the content of a particular examination paper.

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Glossary for Mark Schemes

GCSE examinations are marked in such a way as to award positive achievement wherever possible. Thus, for GCSE Mathematics papers, marks are awarded under various categories.

- M** Method marks are awarded for a correct method which could lead to a correct answer.
- A** Accuracy marks are awarded when following on from a correct method. It is not necessary to always see the method. This can be implied.
- B** Marks awarded independent of method.
- D** Marks awarded independent of method for correct use of data sheet.
- M dep** A method mark dependent on a previous method mark being awarded.
- B dep** A mark that can only be awarded if a previous independent mark has been awarded.
- ft** Follow through marks. Marks awarded following a mistake in an earlier step.
- SC** Special case. Marks awarded within the scheme for a common misinterpretation which has some mathematical worth.
- oe** Or equivalent. Accept answers that are equivalent.
eg, accept 0.5 as well as $\frac{1}{2}$

Level 2, Paper 1, Competency Test

Q	Answer	Mark	Comments
1	621	B1	
2	38 000	B1	
3	40	B1	
4	3500	B1	
5	4.7	B1	
6	$\frac{3}{4}$	B1	
7	2	B1	
8	2.63	B1	
9	8.20	B1	oe
10	(0).21	B1	
11	10	B1	
12	4	B1	
13	400	B1	
14	12	B1	
15	9	B1	
16	$\frac{2}{5}$ or 0.4 or 40%	B1	Not 2 out of 5
17	64	B1	
18	30	B1	
19	7	B1	
20	80	B1	Accept any integer between 70 and 80 inclusive unless evidence of long multiplication
21	Cuboid	B1	Accept square prism, rectangular prism
22	5	B1	
23	20	B1	

Q	Answer	Mark	Comments
24	23	B1	
25	35	B1	
26	30 and 300	B1	Must have both
27	60	B1	
28	$\frac{7}{9}$	B1	
29	1.26	B1	Accept $1\frac{26}{100}$ or $1\frac{13}{50}$
30	30	B1	