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YEAR 3

LEVELS 2–4

Mental mathematics

Optional mathematics tests

Grid for test analysis

This grid is for optional use and has been provided to help teachers analyse the performance of pupils in the year 3 optional mathematics tests.

The grid provides information on which part of the Programme of Study is targeted by each question. Sometimes a question covers more than one part of the Programme of Study. Where this is the case, a judgement has been made as to what is the main focus of the question.

Teachers may find it useful to record the performance of their pupils in order, with the pupils who have scored the highest marks in the test first. This will allow patterns in attainment to be seen more easily. It can be used to analyse the performance of particular groups of pupils, eg those for whom English is an additional language, pupils with special educational needs or those just missing a level 4. It might also be useful to look at a particular question or group of questions – have they been answered well or badly; why might this be?

Many local education authorities provide something similar to this grid, either on paper or in the form of a spreadsheet. This grid is not intended to supersede any of these materials. It is for optional use and is intended for those teachers who do not have access to other materials.

Year 3 optional mental mathematics test – grid f

Fill in the grid as follows:

1 for mark awarded

0 for question attempted but no mark awarded

– for question omitted

The national percentage for each question (which can be entered below) will be available on the QCA website **www.qca.org.uk** *from early 2007.*

	Level achieved	Subtraction	Division	Halving	Days and weeks	Rounding	Multiplication	Addition and subtraction (context)
UAM								
PoS ref		N3d	N3f	N3g	S4d	N2c	N3f	N4a
Question		*1*	*2*	*3*	*4*	*5*	*6*	*7*
Mark		1	1	1	1	1	1	1
Names								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
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21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
Total number of marks per question								
Total number of omitted questions								
Class percentage correct per question								
National percentage correct per question								

Addition	Addition and inverses	Division	Doubling	Properties of number	Number operations	Mass – conversion	Fraction of number	Total score	Total number of omitted questions
N3e	N3a	N3h	N3g	N2b	N3a	S4a	N2d		
8	*9*	*10*	*11*	*12*	*13*	*14*	*15*		
1	1	1	1	1	1	1	1		

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