## **END OF PRIMARY BENCHMARK**

Directorate for Quality and Standards in Education Educational Assessment Unit

YEAR 6

MATHEMATICS (2<sup>nd</sup> Session)

MARKING SCHEME

## **MENTAL MATHEMATICS**

(1 mark each. c.a.o.)

1.	400	2.	31 days
3.	60°	4.	92
5.	sphere or cylinder		
6.	15 minutes	7.	31·0 or 31
8.	5	9.	2
10.	5.7	11.	1.500 or 1.5 litres
12.	any correct answer $(1, 3, 7, 9, 63)$	13.	400
14.	even or even number	15.	87
16.	4	17.	60
	$\overline{10}$		
18.	1050	19.	30 or 30 cm or 30 centimetres
20.	75%		

## WRITTEN PAPER

No.	Requirements	Mark	Additional Guidance
1. a)	510	1	c.a.o.
b)	991	1	c.a.o.
c)	20	1	c.a.o.
d)	90	1	c.a.o.
2. a)		2	c.a.o.
b)		2	c.a.o.

	No.	Requirements	Mark	c.a.o c.a.o.
3	a) i)	0·5 kg	1	c.a.o
	ii)	200 ml	1	c.a.o.
	b) i)	2 m	1	c.a.o.
	ii)	7 m	1	c.a.o.
4.	a) i)	0.03	1	c.a.o
	ii)	0.3	1	c.a.o
	iii)	134-33	1	c.a.o
	b)	Correct marking of 5.7	1	c.a.o
5.	a) i)	$11\frac{1}{2}$	1	c.a.o
	ii)	2600g	1	c.a.o
	b)	$\begin{array}{ccc} +30 & \div 20 & \times 5 \\ \underline{230} \longrightarrow & \underline{260} \longrightarrow & \underline{13} \longrightarrow & 65 \end{array}$	3	c.a.o.
6.	a)	€1275 x 2 = € 2550	1 1	Seen or implied.
	b)	10% of $2550 = €255$	2	Seen or implied.
	0)	2550 - 255 = £2295	1	f.t.
7.	a) i)	Fred	1	c.a.o.
	ii)	57 + 24 = 81 81 is a square number.	2	Accept any valid reason.
	b)	$3 \times 2 = 6$ or $5 \times 6 = 30$	2	Accept any valid example.
8.	a)	<sup>1</sup> / <sub>3</sub> of 450	1	Seen or implied.
	/	150 muffins	1	r
	b)	200 + 150 = 350	1	Seen or implied.
		450 – 350	1	Seen or implied.
		100 muffins	1	
9.	a)	90° + 23° = 113°	1 2	Seen or implied.
	1) "	180° – 113° = 67°	2	Seen or implied.
	b) i)	an acute	1	c.a.o.
	ii)	an isosceles	1	c.a.o.
10.	a)	621 ÷ 32 = 19 r13 20 trips	2 1	Seen or implied.
	b)	600 parcels.	2	c.a.o.
11.	a)	1·40 m + 2·46 m + 3·3 m = 7·16 m	1 1	Seen or implied.

			13.
b) i)	8·00m - 7·16m =	1	Seen or implied.
	0·84m	1	2
ii)	80cm	1	c.a.o.
·			Seen or implied.  c.a.o.
12. a)	2:05 p.m.	1	c.a.o.
b) i)	Clock A. Clock B.	2	c.a.o.
ii)	2 right angles.	1	c.a.o.
c)	40 minutes	1	c.a.o.
		1	<b></b>
13. a)	45 + 25 + 30 + 20 =	1	Seen or implied.
,	120 ice-creams	1	r
b)	120 ÷ 4 =	1	c.a.o.
ĺ	30 ice-creams		
c)	45 – 25 =	1	c.a.o.
	20 ice-creams		
d)	$120 \times 50 = 6000c$	1	Seen or implied.
	€60 or €60·00	1	
14. a)	$4m \times 3m =$	1	Seen or implied.
	12m <sup>2</sup>	1	
b) i)	$48m^2 \div 6m =$	1	Seen or implied.
,	8m	1	C : 1: 1
ii)		1	Seen or implied.
	36m <sup>2</sup>	1	f.t.
15. a)	24 x 4 =	1	Seen or implied.
13. a)	96 slices.	1	Seen of implied.
b)	96 ÷ 8 =	1	Seen or implied.
	12 pizzas.	1	f.t.
c)	1 of 96 =	1	Seen or implied.
,	4	1	f.t.
	24 slices		
16. a)	€5·50 × 6 = €33	1	Accept any valid method
	€33 × 5 = €165	1	
	$66.60 \times 6 = 639.60$	1	64
<b>L</b> ) :)		1 1	f.t.
b) i)	No		c.a.o.
ii)	Payment Scheme B is higher than	1	Accept any valid reason.
	Payment Scheme A		
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**Legend to Marking Scheme: c.a.o.** correct answer only

**f.t.** follow through

**−1 e.e.o.o.** −1 for each error or omission

## Other guidelines:

1. No mark in the marking scheme is sub-divisible.

- 2. Even if no working is shown, a correct answer scores full marks.
- 3. Incorrect answers even though nearly correct score no marks.
- 4. Incorrect working or statement following a correct answer is ignored.
- 5. An answer or working that is crossed out and not replaced is marked as if it was not crossed out. If the answer or working is **replaced**, then the crossed out answer or working should **not** be considered in your marking.
- 6. If the answer is copied from the working area to the answer area incorrectly, then the marks are awarded fully.
- 7. Misread loses only the final accuracy mark but f.t. may be allowed on subsequent parts. The method marks may still be earned, provided that the part question is not oversimplified.