# Student Bounty.com DIRECTORATE FOR QUALITY AND STANDARDS IN EDUCATION

Curriculum Management and eLearning Department **Educational Assessment Unit** 

# End of Primary Benchmark - 2013 - SECOND SESSION

## MATHEMATICS MARKING SCHEME

#### (1 mark each c.a.o.) **MENTAL PAPER**

1.	356 or three hundred and fifty six	2.	4 tenths
3.	sphere (ignore incorrect spelling)	4.	12,501 or 12 501 or 12501 or twelve thousand five hundred and one
5.	7 or seven		
6.	13 or thirteen	7.	33 or thirty three
8.	7 or seven	9.	6 or six (or any other correct common multiple)
10.	750 ml or 750 millilitres or seven hundred fifty millilitres	11.	53 or fifty three
12.	900 or nine hundred	13.	Any number in digits or in words between twelve thousand and thirteen thousand.
14.	0.3	15.	36 or thirty six
16.	16 or sixteen	17.	$12\frac{1}{4}$
18.	40 or forty	19.	Runner B
20.	40 or forty		

## WRITTEN PAPER

			Additional Guidance c.a.o. c.a.o. c.a.o.
RITTEN PA	PER		Today
Question No.	Answers and Requirements	Marks	Additional Guidance
. a)	69	1	c.a.o.
b)	836	1	c.a.o.
c)	1600	1	c.a.o.
d)	105	1	c.a.o.
. a)	16	1	c.a.o.
b)	100	1	c.a.o.
c)	16	1	c.a.o.
d)	954	1	c.a.o.
	49 201	1	
. a)	48,291 43.5	$\frac{1}{1}$	c.a.o.
b) c)	any two numbers that give an	1	c.a.o.
<i>C)</i>	odd total	1	c.a.o.
d)	99 + 356 + 3901	1	c.a.o. (Accept in any order)
	$2 \times 4.5$ seen or implied	1	Accept other valid methods
•	$9\text{m}^2$	1	Accept other valid methods
	$9 \times 15$ seen or implied	1	(f.t. from area of carpet)
	€135	1	(not from area of earper)
a)	cube (12 edges, 8 vertices)	1	c.a.o.
a)	cylinder (3 faces, 0 vertices)	1	c.a.o.
	cone (2 faces, 1 edges)	1	c.a.o.
b)	cone (2 naces, 7 eages)	2	c.a.o.
. a) i.	0.6	2	c.a.o. (Accept answer as fraction)
a) ii.	0.25 marked correctly	1	c.a.o.
b)		1	20% is identified as the smallest
	$20\%, 0.6, \frac{3}{4}$	1	
	, i		$0.6, \frac{3}{4}$ in their correct order
a)	$1.4 \times 8$ seen or implied	1	Accept other valid methods
. a)	€11·20	1	/ recept other valid methods
b)	$1.6 \times 12$ seen or implied	1	Accept other valid methods
	€19·20	1	
c)	8 bottles	1	c.a.o.

				Additional Guida c.a.o. c.a.o.
Que	estion No.	Answers and Requirements	Marks	Additional Guida
8.	a) i.	120°	1	c.a.o.
	a) ii.	77°	1	c.a.o.
	b) i.	obtuse	1	c.a.o.
	b) ii.	180°	1	c.a.o.
	b)iii.	NW	1	c.a.o.
9.	a) i.	268	1	c.a.o.
		52	1	c.a.o. follow through (f.t.)
	a) ii.	56	1	c.a.o.
		3920	1	c.a.o. follow through (f.t.)
	b)	16 - 36 - 49	1	c.a.o.
10.	a)	1050 ml seen or implied	1	Accept other valid methods
	,	450 ml	1	1
	b)	subtraction or division seen or	1	
	,	implied		
		3 glasses	1	f.t. from 10a
	c)	90 ml	1	f.t. from 10b
11.	a)	90 passengers	1	c.a.o.
	b)	36 passengers	1	c.a.o.
	<u>c)</u>	90 passengers	1	c.a.o
	<u>d)</u>	90 1	1	Correct denominator seen
	,	$\frac{1}{360}$ or $\frac{1}{4}$	1	c.a.o. (Accept other equivalent
		300 4		fractions)
12.	a)	15 m	1	c.a.o.
	b)	7·2 m <sup>2</sup>	1	Accept other valid methods
		$14.4 \text{ m}^2$	1	c.a.o.
	c)	subtraction seen or implied	1	Accept other valid methods
	<b>C)</b>	32·1 m <sup>2</sup>	1	c.a.o. (f.t. from 12b)
		32 T III	1	C.u.o. (i.t. nom 120)
13.	a)	Cardigan – Shop A – 5	1	c.a.o. (both correct)
13.	a)	Dresses – Shop B – 9	1	c.a.o. (both correct)
	b)	Correct completion of bar charts	1	c.a.o. (both correct)
	c) i.	Yes	1	c.a.o.
	c) ii.	Shop A – 56 items	1	Accept any valid reasoning
	C) II.	Shop B – 49 items	1	recept any vand reasoning
	d)	-	1	
	u)	$\frac{30}{105}$ or $\frac{6}{31}$	1	
		105 21		
		$\frac{2}{}$	1	c.a.o
		7	1	· · · · ·

			Additional Guidance  c.a.o. c.a.o.
Question No.	Answers and Requirements	Marks	Additional Guidance
		<u> </u>	1.0
14. a)	95 g	1	c.a.o.
b)	19 g	1	c.a.o.
c)	$21 \times 7 = 147$ g seen or implied	1	Accept any other valid method
	52 g	1	c.a.o.
d) i.	No	1	c.a.o.
d) ii.	The hamster eats 147 g in 1 week. The hamster eats 294 g in 2 weeks.	1	Accept other valid reasoning
15. a)	Use of timeline / Addition seen or implied	1	Accept other valid methods
1) :	23:15	1	c.a.o.
b) i.	16 shows	1	C.a.o.
b) ii.	Addition seen or implied	1	Accept other valid methods
	10 h 30 min	1	c.a.o.
c)	€17	1	C.a.0
16. a)	32 cookies or 35 cookies or 38 cookies	1 1	Award one mark for every correct answer.
b)	31 cookies or 35 cookies or	1	c.a.o.
	39 cookies	1	c.a.o
c)	32 + 31	1	Accept other valid methods
	63 cookies	1	c.a.o.

**Legend to Marking Scheme:** c.a.o. correct answer only **f.t.** follow through

### Other guidelines:

- 1. No mark in the marking scheme is sub-divisible.
- 2. A correct answer scores full marks, even if no working is shown.
- 3. Incorrect answers even though nearly correct score no marks but marks are awarded for correct working.
- 4. No marks are awarded when a wrong method leads to a correct answer.
- 5. Incorrect working or statement following a correct answer is ignored.
- 6. 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.
- 7. If a correct answer is copied incorrectly from the working area to the answer area, then the marks are awarded fully.
- 8. In the case of misreading, f.t. may be applied and only the final accuracy mark is lost. The method marks may still be earned provided that the misreading doesn't oversimplify the question.

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