DIRECTORATE FOR QUALITY AND STANDARDS IN EDUCATION
Curriculum Management and eLearning Department
Educational Assessment Unit

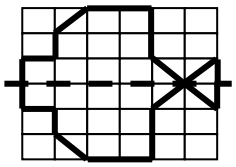
End of Primary Benchmark – 2013 – SECOND SESSION

MATHEMATICS MARKING SCHEME

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

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

Question No.	Answers and Requirements	Marks	Additional Guidance
1. a)	69	1	c.a.o.
b)	836	1	c.a.o.
c)	1600	1	c.a.o.
d)	105	1	c.a.o.
2. a)	16	1	c.a.o.
b)	100	1	c.a.o.
c)	16	1	c.a.o.
d)	954	1	c.a.o.
3. a)	48,291	1	c.a.o.
b)	43·5	1	c.a.o.
c)	any two numbers that give an odd total	1	c.a.o.
d)	99 + 356 + 3901	1	c.a.o. (Accept in any order)
4.	$2 \times 4{\cdot}5$ seen or implied $9m^2$ 9×15 seen or implied €135	1 1 1 1	Accept other valid methods (f.t. from area of carpet)
5. a)	cube (12 edges, 8 vertices) cylinder (3 faces, 0 vertices) cone (2 faces, 1 edges)	1 1 1	c.a.o. c.a.o. c.a.o.
b)		2	c.a.o.
6. a) i.	0·6	2	c.a.o. (Accept answer as fraction)
a) ii.	0·25 marked correctly	1	c.a.o.
b)	20%, 0·6, $\frac{3}{4}$	1 1	20% is identified as the smallest 0·6, $\frac{3}{4}$ in their correct order
7. a)	$1{\cdot}4 \times 8$ seen or implied €11·20	1 1	Accept other valid methods
b)	$1{\cdot}6 \times 12$ seen or implied €19·20	1 1	Accept other valid methods
c)	8 bottles	1	c.a.o.

Question No.	Answers and Requirements	Marks	Additional Guidance
8. a) i.	120^o	1	c.a.o.
a) ii.	77^o	1	c.a.o.
b) i.	obtuse	1	c.a.o.
b) ii.	180^o	1	c.a.o.
b)iii.	NW	1	c.a.o.
9. a) i.	268 52	1 1	c.a.o. c.a.o. follow through (f.t.)
a) ii.	56 3920	1 1	c.a.o. c.a.o. follow through (f.t.)
b)	16 - 36 - 49	1	c.a.o.
10. a)	1050 ml seen or implied 450 ml	1 1	Accept other valid methods
b)	subtraction or division seen or implied 3 glasses	1 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.
c)	90 passengers	1	c.a.o
d)	$\frac{90}{360}$ or $\frac{1}{4}$	1 1	Correct denominator seen c.a.o. (Accept other equivalent fractions)
12. a)	15 m	1	c.a.o.
b)	$7{\cdot}2\ m^2$ $14{\cdot}4\ m^2$	1 1	Accept other valid methods c.a.o.
c)	subtraction seen or implied $32{\cdot}1\ m^2$	1 1	Accept other valid methods c.a.o. (f.t. from 12b)
13. a)	Cardigan – Shop A – 5 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 Shop B – 49 items	1	Accept any valid reasoning
d)	$\frac{30}{105}$ or $\frac{6}{21}$ $\frac{2}{7}$	1 1	 c.a.o

Question No.	Answers and Requirements	Marks	Additional Guidance
14. a)	95 g	1	c.a.o.
b)	19 g	1	c.a.o.
c)	$21 \times 7 = 147$ g seen or implied 52 g	1 1	Accept any other valid method 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 23:15	1 1	Accept other valid methods c.a.o.
b) i.	16 shows	1	c.a.o.
b) ii.	Addition seen or implied 10 h 30 min	1 1	Accept other valid methods c.a.o.
c)	€17	1	c.a.o
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 39 cookies	1 1	c.a.o. c.a.o
c)	32 + 31 63 cookies	1 1	Accept other valid methods 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.