

DIRECTORATE FOR QUALITY AND STANDARDS IN EDUCATION
Department of Curriculum Management
Educational Assessment Unit
End of Primary Benchmark
2017
Second Session

MATHEMATICS MARKING SCHEME

MENTAL PAPER

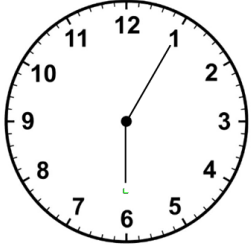
(1 mark each c.a.o.)

1.	24
2.	56
3.	6
4.	1000000
5.	101
6.	$\frac{1}{4}$ or any equivalent fraction
7.	160
8.	€2.22 or 222c
9.	$\frac{4}{5}$
10.	5.23
11.	'200 mℓ' ticked
12.	'4.5 kg' ticked
13.	3
14.	0.09
15.	5:00 or 17:00 or 5 pm or 5:00 pm
16.	140
17.	50
18.	7.50
19.	9
20.	8 boys

WRITTEN PAPER

Question No.	Answers and Requirements	Marks	Additional Guidance
1. a)	710	1	c.a.o.
b)	1462	1	c.a.o.
c)	1120	1	c.a.o.
d)	204	1	c.a.o.
2.	78649	4	If answer is not correct, award 1 mark for each met criteria from below (up to a maximum of 3 marks): <ul style="list-style-type: none"> - 6 is in the Hundreds place - the 5-digit number is an odd number - a square number is in the Units place - the 5-digit number is a number which becomes 79,000 when rounded to the nearest thousand
3. a)	' $400 + 30 + 8 + \frac{5}{10}$ ', circled	1	c.a.o.
b)	201605	1	c.a.o.
c) i)	' $1 \frac{6}{100}$ ', circled	1	c.a.o.
ii)	' $38 \cdot 14$ ' circled	1	c.a.o.
4. a)	€1, 50c, 50c, 20c, 20c, 10c, 10c	1	c.a.o. (accept any other 7 coins that add up to €2.60)
b)	€5.20	1	c.a.o.
c)	€7.80	1	c.a.o. (f.t. from 4b)
d)	€2.20	1	c.a.o. (f.t. from 4c)

Question No.	Answers and Requirements	Marks	Additional Guidance
5. a)	'4', 'right' circled	1, 1	c.a.o.
b)	'360°' circled	1	c.a.o.
c)	'D' circled	1	c.a.o.
d)	'B' circled	1	c.a.o.
6. a) i)	NW or North West	1	c.a.o.
ii)	SE or South East	1	c.a.o.
iii)	SW or South West	1	c.a.o.
b)	E - D or F - B	2	c.a.o.
7. a)	9×9	1	c.a.o.
b)	25×4 or 20×5 or 50×2	2	c.a.o.
c)	$24 \times 7 = 168$	2	c.a.o.
8. a)	$4 \cdot 5 + 4 + 4 \cdot 5 + 4$ 17 m	1 1	seen c.a.o.
b)	$4 \cdot 5 \times 4$ 18 m ²	1 1	seen c.a.o.
c)	Length 4 m and Breadth 3 m or Length 3 m and Breadth 4 m	1	c.a.o. (accept other possible dimensions of carpet only if carpet fits in the bedroom)
9. a)	$48\% = \frac{48}{\boxed{100}} = 0.\underline{4}\underline{8}$	1, 1	c.a.o.
b) i)	$\frac{1}{4}$	1	c.a.o.
ii)	a valid attempt to show what 60% of the shape is 7 more squares are shaded	1 1	seen c.a.o.

Question No.	Answers and Requirements	Marks	Additional Guidance
10. a)	rabbit	1	c.a.o.
b)	attempt to add mass of 4 animals 463•82 kg	1 1	seen c.a.o.
c)	attempt to work out the difference in mass between the sheep and the cow 347•5 kg	1 1	seen c.a.o.
11. a)		1	c.a.o.
b)	+ 20 minutes 06:25	1 1	seen c.a.o. (do not accept 6:25 as correct)
c)	'No' ticked The fifth bus leaves at 07:25	1 1	c.a.o. (award mark only if valid working is seen) c.a.o.
12. a)	Bar for 'Friday' drawn correctly	1	c.a.o.
b)	Wednesday	1	c.a.o.
c)	'False' ticked attempt to add the total no. of books approx. 249 books seen	1 1	c.a.o. (award mark only if valid working is seen) seen seen
13. a)	14 × 36 504 stickers	1 1	seen c.a.o.
b)	216 ÷ 36 6 sheets	1 1	seen c.a.o.
c)	No A quarter of Luke's stickers is 54, while Magda has 72 stickers	1 1	c.a.o. (award mark only if valid working is seen) accept other valid reasons/working

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.