



DEPARTMENT FOR CURRICULUM,
LIFELONG LEARNING AND EMPLOYABILITY
Directorate for Learning and Assessment Programmes
Educational Assessment Unit

SPECIMEN

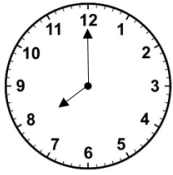

YEAR 4	MATHEMATICS	MARKING SCHEME
---------------	--------------------	-----------------------

MENTAL PAPER			
Question No.	Answers and Requirements	Marks	Additional Guidelines
1	4	1	c.a.o.
2	19	1	c.a.o.
3		1	c.a.o.
4	2	1	c.a.o.
5	‘metres’ ticked	1	c.a.o.
6	700	1	c.a.o.
7	2	1	c.a.o.
8	14	1	c.a.o.
9	32 or 36	1	c.a.o.
10	Clock showing half past four ticked	1	c.a.o.
11	90 cm ticked	1	c.a.o.
12	65	1	c.a.o.
13	Clockwise ticked	1	c.a.o.
14	2500	1	c.a.o.
15	1500	1	c.a.o.
16	€6.01	1	c.a.o.
17	7	1	c.a.o.
18	3	1	c.a.o.
19	5	1	c.a.o.
20	8 th August	1	c.a.o.

WRITTEN PAPER			
Question Numbers	Answers and Requirements	Marks	Additional Guidelines
1. a)i.	10	1	c.a.o.
a)ii.	2	1	c.a.o.
b)i.	30	1	c.a.o.
b)ii.	21	1	c.a.o.
c)i.	0	1	c.a.o.
c)ii.	7	1	c.a.o.
d)i.	6	1	c.a.o.
d)ii.	6	1	c.a.o.
e)i.	14	1	c.a.o.
e)ii.	1	1	c.a.o.
2.a)	8, 23	1,1	c.a.o.
2.b)	70, 200	1,1	c.a.o.
2.c)	13	2	c.a.o.
2.d)i.	÷	1	c.a.o.
2.d)ii.	-	1	c.a.o.
2.e)i.	87	1	c.a.o.
2.e)ii.	52	1	c.a.o.
3.		<p>1,1</p> <p>1,1</p>	<p>c.a.o.</p> <p>c.a.o.</p> <p>Award no marks if all the diagrams are ticked.</p>
4 a)	83c	1	c.a.o.

Question Numbers	Answers and Requirements	Marks	Additional Guidelines
b)	pencil, pen	1	c.a.o. Award mark if both are correct; do not award any marks if only one is correct.
c)	20c, 10c, 2c, 2c, 2c, 2c	1 1	Coins add up to 38c. Accept any combination of 6 coins which makes 38c.
5 a)	cuboid	1	c.a.o. Award mark even if spelt incorrectly, but legible.
b)	i. A triangle is a 3D shape. <input type="checkbox"/> ii. A triangle always has 3 sides. <input checked="" type="checkbox"/> iii. A triangle never has 1 line of symmetry. <input type="checkbox"/>	1 1 1	c.a.o. c.a.o. c.a.o.
6 a)i.	1	1	c.a.o.
a)ii.	2	1	c.a.o.
b)		2	c.a.o. Award no marks if more than one shape is shaded.
7 a)	Almost empty ticked	2	c.a.o.
b)	Vertical line adds up to 2 litres. Horizontal line adds up to 2 litres.	1 1	c.a.o. c.a.o.
8 a)	6	1	c.a.o.
b)	12	1	c.a.o.

Question Numbers	Answers and Requirements	Marks	Additional Guidelines
c)	Yes 13 is not an even number / 13 cannot be counted in 2s or any other similar valid reason.	2	c.a.o. Do not award a mark for 'Yes' with an invalid or no reason.
9 a)	Hotel	1	c.a.o.
b)	E2	1	c.a.o.
c)	above	1	c.a.o.
d)	4, right/East	1,1	c.a.o.
e)	pharmacy	1	c.a.o.
10a)	>	1	c.a.o.
b)	8	1	c.a.o.
b)ii.	8 blocks drawn on the block graph	1	c.a.o.
c)	chickens	1	c.a.o.
d)	14	2	c.a.o.
11a)	800 g – 80 g	1	Accept any other valid method.
	720 g	1	c.a.o.
b)	1300 g	1	
	1 kg 300 g	1	c.a.o.
c)	panda	2	c.a.o.
12a)	3 cm x 5	1	Accept any other valid method.
	15 cm	1	c.a.o.
b)	150 mm – 9 mm	1	Accept any other valid method.
	141 mm	1	[f.t. from 11a]
c)	6x6 square drawn	2	Do not award marks if ruler is not used.

Question Numbers	Answers and Requirements	Marks	Additional Guidelines
13 a)i.		1	Award mark if hour hand is exactly on 8 and minute hand exactly on 12.
a)ii.		1	Award mark if hour hand is exactly on the 9.
b)	30 minutes	1	c.a.o.
c)i.	Bus 2	1	c.a.o.
c)ii.	5 minutes	1	c.a.o. [f.t. from 12ci]
d)	'8:55 a.m.' ticked	1	c.a.o.
14 a)i.	$20 \div 4$	1	Accept any other valid method.
	5	1	c.a.o.
a)ii.	$\frac{3}{4}$	1	c.a.o.
b)i.	Alison	1	c.a.o. Award mark only if answer is accompanied with a valid reason.
b)ii.	Alison: $\frac{3}{4} = \frac{6}{8}$ of the book	1	Accept also pictorial representations of this and valid jottings on the fraction wall provided.
	Matthew: $\frac{5}{8}$ of the book	1	

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. 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.