

Department for Curriculum, Lifelong Learning & Employability
Directorate for Learning and Assessment Programmes
Educational Assessment Unit
End of Primary Benchmark – 2021
Second Session

MATHEMATICS MARKING SCHEME

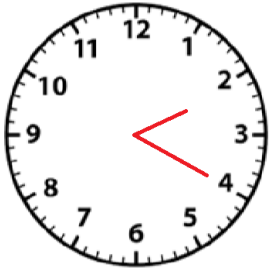
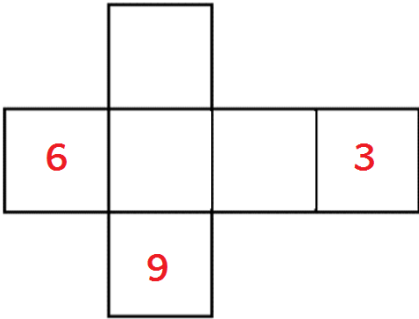
MENTAL PAPER

(1 mark each c.a.o.)

1.	2000
2.	<input type="checkbox"/> ticked
3.	6
4.	$\frac{1}{4}$
5.	7
6.	'1.5 m' ticked
7.	4
8.	500
9.	1, 3, 9, 27 or 81 (any 3 of the following)
10.	14:50
11.	11
12.	12
13.	315
14.	7
15.	$4\frac{2}{3}$ (or equivalent mixed number)
16.	38
17.	1750
18.	'Science Club' ticked
19.	50
20.	50

WRITTEN PAPER

Question No.	Answers and Requirements	Marks	Additional Guidance
1. a)	410	1	c.a.o.
b)	241	1	c.a.o.
c)	2108	1	c.a.o.
d)	103	1	c.a.o.
2. a)	11	2	c.a.o.
b)	21	2	c.a.o. [If answer is incorrect but valid working is seen award 1 mark.]
3. a) i.	South or S	1	c.a.o.
ii.	North East or NE	1	c.a.o.
b) i.	Europe / North America	1	c.a.o.
ii.	Antarctica	1	c.a.o.
4. a)	'3 kg' ticked	1	c.a.o.
b)	'220 ℓ' ticked	1	c.a.o.
c)	'2.5 m' ticked	1	c.a.o.
d)	'50 m ² ' ticked	1	c.a.o.
5. a) i.	18	1	c.a.o.
ii.	10	2	c.a.o.
b)	a 5 cm by 5 cm square is drawn	2	c.a.o. [Award only 1 mark if use of ruler is not evident.]
6 a)	58	2	c.a.o. [If answer is incorrect, award 1 mark for any seen valid attempt to find the duration of the journey.]

Question No.	Answers and Requirements	Marks	Additional Guidance
6. b)		1	c.a.o. [Do not accept as correct if hour hand is pointing exactly at 2.]
c)	2:20 p.m./pm or 2:20 in the afternoon	2	c.a.o. [Award only 1 mark if answer is 2:20 without p.m./pm/in the afternoon.]
7. a)	3•30	1	c.a.o.
b)	8•30 × ... or any other valid attempt 4	1 1	seen c.a.o.
c)	19 + 5 or any other valid attempt 24	1 1	seen c.a.o.
8. a)	30	1	c.a.o.
b)	1	2	c.a.o.
c)	$\frac{1}{3}$ of 15 or $15 \div 3$ 5	1 1	seen c.a.o. [f.t. from 8a]
9. a) i.	cuboid	1	c.a.o.
ii.	6	1	c.a.o.
b)		1, 1, 1	c.a.o.

Question No.	Answers and Requirements	Marks	Additional Guidance
10. a)	90	1	c.a.o.
b) i.	6•5	1	c.a.o.
ii.	7	1	c.a.o.
iii.	36	1	c.a.o.
c)	'Never True' ticked	1	c.a.o.
11. a)	1•25	1	c.a.o.
b) i.	500 – 150	1	subtraction from €5 [or equivalent] seen
	3•50	1	c.a.o.
ii.	oat bar, water, ham and cheese sandwich	2	c.a.o. [in any order]
12. a)	720 × 6	1	seen
	4•32	1	c.a.o.
b)	12 – 5•48	1	seen
	6•52	1	c.a.o.
c)	9	1	c.a.o.
13.	6354 or 6372	3, 3	c.a.o. [For each incorrect answer, award 1 mark if the number becomes 6000 when rounded to the nearest 1000 and/or award 1 mark if the 4-digit number is divisible by 9.]
14. a)	€5 + €1 + €1 + €1 + 20c + 10c + 10c + 10c + 5c	2	c.a.o. [Accept other possible combinations.]
b) i.	4 Sundays	2	c.a.o. [If answer is incorrect award 1 mark for a valid attempt.]

Question No.	Answers and Requirements	Marks	Additional Guidance
14. b) ii.	4 Sundays	2	c.a.o. [If answer is incorrect award 1 mark for a valid attempt.]
15. a)	6	2	c.a.o. [Deduct 1 mark if answer is correct but working is not seen.]
b)	450 + 100 = 550 550 × 6 3300 3•3	1 1 1 1	seen seen seen c.a.o. [Deduct 1 mark if answer is correct but working is not seen.]
16. a)	48 48 ÷ 24 2	1 1 1	seen seen c.a.o. [Deduct 1 mark if answer is correct but working is not seen.]
b)	([1 × 1]+[3 × 1]+[4 × 1]) = 8 cousins 14 cousins among 19 students <u>12</u> (have no cousins) and <u>7</u> (have 2 cousins)	1 1 1	seen seen c.a.o. [Deduct 1 mark if answer is correct but working is not seen.]

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, unless otherwise specified in the Additional Guidance on the Marking Scheme.
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. 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 a correct answer is copied incorrectly from the working area to the answer area, then the marks are awarded fully.
7. 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.