

Department for Curriculum, Lifelong Learning & Employability
Directorate for Learning and Assessment Programmes
Educational Assessment Unit
End of Primary Benchmark – 2022
Second Session

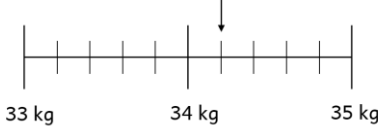
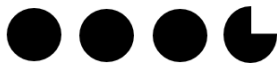
MATHEMATICS MARKING SCHEME

MENTAL PAPER

(1 mark each c.a.o.)

1.	364
2.	100
3.	300
4.	360
5.	'9 thousands' ticked
6.	150
7.	420
8.	$1\frac{7}{100}$
9.	49
10.	2500
11.	92
12.	8
13.	Accept any number between 2·5 and 2·6 [Do not accept 2·5 and 2·6 as correct answers]
14.	' $\frac{3}{5}$ ' ticked
15.	120
16.	60
17.	18:45
18.	13·60
19.	13
20.	13

WRITTEN PAPER

Question No.	Answers and Requirements	Marks	Additional Guidance
1. a)	510	1	c.a.o.
b)	741	1	c.a.o.
c)	432	1	c.a.o.
d)	104	1	c.a.o.
2. a)	360	1	c.a.o.
b)	45	1	c.a.o.
c)	270	1	c.a.o.
d)	90	1	c.a.o.
3. a) i.	Jurgen	1	c.a.o.
ii.	Manuel	1	c.a.o.
iii.	Manuel and Andrea	1	c.a.o.
b)		1	c.a.o.
4. a)	220 + 220 (or equivalent) 440	1 1	seen c.a.o.
b)	(1000 - 440) ÷ 220 3	1 1	seen f.t. from 4a
5. a)	Violet: 35	1	c.a.o.
b)	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Orange  </div>	1	c.a.o.
c)	250	1	f.t. from 5a
d)	$\frac{65}{250}$ $\frac{13}{50}$	1 1	seen f.t. from 5c
6. a) i.	A square of sides 5 cm by 5 cm drawn	2	c.a.o.
ii.	20	1	c.a.o.
b)	22.5 - 4 18.5	1 1	c.a.o. c.a.o.

Question No.	Answers and Requirements	Marks	Additional Guidance
7. a)	pentagon / polygon	1	c.a.o.
b)	sides: 5	1	c.a.o.
	right angles: 2	1	c.a.o.
	obtuse angles: 3	1	c.a.o.
	acute angles: 0	1	c.a.o.
8. a)	35	1	c.a.o.
b)	<div style="display: flex; justify-content: space-around; align-items: center;">   </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> Departure from Malta Arrival in Gozo </div>	1, 1	c.a.o.
c)	10:50 + 20 + 35 11:45	1 1	seen f.t. from 8a
9. a)	28 + 24 + 23 + 25 ÷ 4 25	1 1 1	seen seen c.a.o.
b)	(100 + 20) ÷ 5 24	1 1	seen c.a.o.
10. a)	11·91 - 7·15 4·76 ÷ 7 0·68	1 1 1	seen seen c.a.o.
b)	2·70 × 5 [or any other valid working] 13·50	1 1	seen c.a.o.
11. a)	6 × 6 or side of square = 6 36	1 1	seen c.a.o.
b)	36 ÷ 9 4	1 1	seen f.t. from 11a
c)	26	1	f.t. from 11b
12. a)	504 ÷ 9 56 × 2 112	1 1 1	seen seen c.a.o.
b)	682 - 504 178	1 1	seen c.a.o.

Question No.	Answers and Requirements	Marks	Additional Guidance
13. a)	$\frac{1}{4}$ of 72	1	seen
	18	1	c.a.o.
b)	$\frac{1}{3}$ = snacks; $\frac{2}{6}$ = cards; $\frac{2}{6}$ = €8 [or pictorial representation of this]	2	seen
	8×3	1	seen
	24	1	c.a.o.
14. a) i.	'Triangle D' underlined	1	c.a.o.
	ii. 'Triangle B' underlined	1	c.a.o.
b) i.	True	1	c.a.o.
	ii. False	1	c.a.o.
iii.	True	1	c.a.o.
iv.	True	1	c.a.o.
15. a) i.	Saturday	2	c.a.o.
	ii. 90 days = approximately 3 months September	1 1	seen c.a.o.
b)	$48 - 2 = 46$ years [dad: 2 years ago]	2	c.a.o. [Award marks only if working is seen.]
	$46 \div 2 = 23$ years [son: 2 years ago]		
	$23 + 2 = 25$ years [son: now]		
16. a)	$60 \div 5$ [accept other valid working]	2	c.a.o. [Award marks only if working is seen.]
	12		
b)	$17 \times 2 = 34$	2	seen
	$60 - 34 = 26$	2	c.a.o.

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

Other guidelines:

- No mark in the marking scheme is sub-divisible.
- A correct answer scores full marks, even if no working is shown, unless otherwise specified in the Additional Guidance on the Marking Scheme.
- Incorrect answers – even though nearly correct – score no marks but marks are awarded for correct working.
- No marks are awarded when a wrong method leads to a correct answer.
- 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.
- If a correct answer is copied incorrectly from the working area to the answer area, then the marks are awarded fully.
- 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.