

DEPARTMENT FOR CURRICULUM, LIFELONG LEARNING AND EMPLOYABILITY
Directorate for Learning and Assessment Programmes
Educational Assessment Unit
End of Primary Benchmark
Second Session
2019

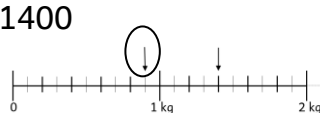
MATHEMATICS MARKING SCHEME

MENTAL PAPER

(1 mark each c.a.o.)


1.	80
2.	180
3.	250
4.	70
5.	400
6.	540
7.	75
8.	6 / 8 / 12 / 24
9.	1•12
10.	42
11.	49
12.	1•1
13.	92
14.	9
15.	1•6
16.	9
17.	40
18.	12
19.	29
20.	75

WRITTEN PAPER

Question No.	Answers and Requirements	Marks	Additional Guidance
1. a)	200	1	c.a.o.
b)	251	1	c.a.o.
c)	432	1	c.a.o.
d)	102	1	c.a.o.
2.	a) 30×30 ● ● 12×2 b) $\frac{1}{4}$ of 200 ● ● 9×100 c) 8×3 ● ● double 25 d) 6×100 ● ● 60×10	1 1 1 1	c.a.o. c.a.o. c.a.o. c.a.o.
3. a)	6	1	c.a.o.
b) i.	$\frac{1}{3}$	2	c.a.o.
ii.	'equilateral triangles' ticked	1	c.a.o.
4. a)	24	1	c.a.o.
b)	32	1	c.a.o.
c)	36	1	c.a.o.
d)	21	1	c.a.o.
5. a)	False	1	c.a.o.
b)	True	1	c.a.o.
c)	True	1	c.a.o.
d)	False	2	c.a.o.
6. a) i.	1400	1	c.a.o.
ii.		1	c.a.o.
b) i.	4.05	1	c.a.o.
ii.	$1.35 \times \dots$ or $8.1 \div \dots$	1	seen (Accept other valid attempts)
	6	1	c.a.o.

Question No.	Answers and Requirements	Marks	Additional Guidance
7. a)	handbag: $\frac{4}{5} \times 68$	1	seen (Accept other valid attempts)
	skirt: $\frac{1}{2} \times 50$	1	seen (Accept other valid attempts)
	79•40	1	c.a.o.
b)	118 - 79•40 (f.t. from 7a)	1	seen (Accept other valid attempts)
	38•60	1	c.a.o.
8. a)	75	1	c.a.o.
b)	Wednesday and Tuesday or Thursday and Monday or Saturday and Monday	2	c.a.o.
c)	$\frac{2}{5}$ of 200 = 80 80 - 30 = 50 boys There were 50 boys and 30 girls.	2	seen (Accept other valid working) Award 1 mark for valid attempts even if not fully correct
9. a)	West or W	1	c.a.o.
	pool	1	c.a.o.
b)	vet	1	c.a.o.
	florist	1	c.a.o.
c)	45	1	c.a.o.
10. a)	'black ribbon' ticked	2	c.a.o.
b)	150	1	c.a.o.
c)	72×14	1	seen (Accept other valid attempts)
	10•08	1	c.a.o.

Question No.	Answers and Requirements	Marks	Additional Guidance
11. a)	'0.3 litres' ticked	1	c.a.o.
b) i.	85% of 200 or $85 + 85$ 170	1 1	seen (Accept other valid attempts) c.a.o.
ii.	$18000 \div 200$ 90	1 1	seen (Accept other valid attempts) c.a.o.
12. a) i.	6	1	c.a.o.
ii.	9 9	2	c.a.o. (Award 2 marks if both Length and Breadth are correct. If incorrect, award 1 mark for any valid attempt)
b)	$(6.5 \times 5) + \frac{1}{2}(2 \times 5)$ 37.5	1 1	seen c.a.o.
13. a)	$1.75 - 1.64$ 11	1 1	seen (Accept other valid attempts to work out the difference between the heights of dad and mum even if conversions are not correct) c.a.o.
b)	'(ii) $1 \frac{1}{4}$ m' ticked	2	c.a.o.
c)	$10 + 4$ 14	1 1	seen (Accept other valid attempts) c.a.o.

Question No.	Answers and Requirements	Marks	Additional Guidance
14. a)	114	1	c.a.o.
b)	27	1	c.a.o.
c)	7:30 + 1 h 27 min	1	seen (Accept other valid attempts)
	8:57	1	c.a.o.
d)	'No' ticked	1	c.a.o. (Award only if accompanied by supporting working)
	Benji 2:20 + 1 h 27 min Benji ends at 3:47 p.m. The 2 nd show of Tarzan starts at 3:30.	1	Accept other valid working
15. a)	$15 \times 6 = 90$	1	seen (Accept other valid attempts)
	$16 \times 8 = 128$ $128 - 90$ 38	1	c.a.o.
b)		2	c.a.o. (Both hour and minute hand drawn correctly)
c)	Saturday	2	c.a.o. (If incorrect, award 1 mark for any valid attempt)

Question No.	Answers and Requirements	Marks	Additional Guidance									
16. a)	47	1	c.a.o.									
	29, 23	1	c.a.o.									
	16, 10, 14	1	c.a.o.									
	7, 6, 8	1	c.a.o.									
b)	<table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td style="text-align: center;">8</td> <td style="text-align: center;">1</td> <td style="text-align: center;">6</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">5</td> <td style="text-align: center;">7</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">9</td> <td style="text-align: center;">2</td> </tr> </tbody> </table>	8	1	6	3	5	7	4	9	2	2	c.a.o. (If incorrect, award 1 mark for a valid attempt)
8	1	6										
3	5	7										
4	9	2										

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 the 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 does not oversimplify the question.