

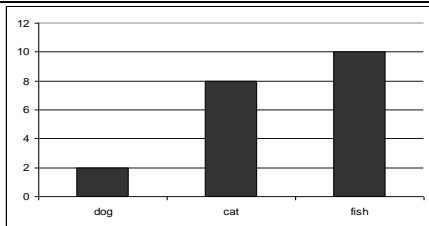
MATHEMATICS MARKING SCHEME

MENTAL PAPER

(1 mark each c.a.o.)

1.	9,436 or 9 436 or 9436	2.	56 or fifty six
3.	180 or one hundred and eighty	4.	4 or four
5.	9 or 9·0 or nine or nine point zero		
6.	30 or thirty	7.	3,200 or 3 200 or 3200 or three thousand two hundred
8.	22 or twenty two	9.	25 or twenty five
10.	3,500 or 3 500 or 3500 or three thousand five hundred	11.	10 or ten
12.	92 or ninety two	13.	5 or five
14.	36 or thirty six	15.	$\frac{1}{2}$ or one half
16.	200 or 190 or 220 or two hundred or one hundred ninety or two hundred twenty	17.	27 or twenty seven
18.	2 - 10 or two – ten	19.	SW or South West
20.	39·96 or thirty nine euro and ninety six cent		

WRITTEN PAPER

Question No.	Answers and Requirements	Marks	Additional Guidance
1. a)	400	1	c.a.o.
b)	2875	1	c.a.o.
c)	4900	1	c.a.o.
d)	653	1	c.a.o.
2. a) i	200 g	1	c.a.o.
a) ii	5 ml	1	c.a.o.
a)iii	17 cm	1	c.a.o.
b)	14 cm	1	c.a.o.
3. a)	square numbers	1	c.a.o. (ignore any spelling mistakes)
b)	mixed fractions	1	c.a.o. (ignore any spelling mistakes)
c)	multiples of 5	1	c.a.o. (ignore any spelling mistakes)
d)	even numbers	1	c.a.o. (ignore any spelling mistakes)
4. a)	$\frac{10}{25}$ or $\frac{2}{5}$ or any other equivalent fraction	1	c.a.o.
b)	$\frac{3}{5}$	1	c.a.o.
c)	$\frac{2}{5}$ of 100 seen or implied 40 %	1 1	Accept other valid methods (f.t. from 4a)
5. a) i	$64 \div 8 = 8$	1	c.a.o.
a) ii	$42 \times 6 \times 3$	2	c.a.o.
b)	$27 \div 3 = 9$ or $9 \times 3 = 27$ or 9 is one third of 27 Note: one third of 27= 9 (1 mark)	2	Accept other valid reasoning
6. a)	1234	1	c.a.o.
b)	$\frac{1}{5} = 0.2$ or $\frac{1}{2} = 0.5$ Accept $\frac{1}{5} = 0.20$ and $\frac{1}{2} = 0.50$	2	c.a.o.
c)	63×72	2	c.a.o.
7. a)	90 %	1	c.a.o.
b)	50 % of 20 seen or implied 10	1 1	Accept other valid methods
c)		1 1	for CAT bar for FISH bar (f.t. from 7b)

Question No.	Answers and Requirements	Marks	Additional Guidance
8. a)	3 kg 470 g	1	c.a.o.
b)	Subt. seen or implied 1 kg 30 g	1 1	Accept other valid methods (f.t. from 8a)
c)	Subt. seen or implied 250 g	1 1	Accept other valid methods
9. a)	17	2	c.a.o.
b)	12	2	c.a.o.
c)	2	1	c.a.o.
10. a)	€15 ÷ 6 seen or implied €2.50	1 1	Accept other valid methods
b)	Addition / Mult. seen or implied €27.50	1 1	c.a.o. (f.t. from 10a)
c)	8 e-books	1	
11. a) i.	Example		
a) ii.	Correct drawing of any right angled triangle on board	1	c.a.o.
a)iii.	Correct drawing of any scalene triangle on board	1	c.a.o.
b)	$180^\circ - 90^\circ$ (seen or implied) Angle a = 45°	1 1	Accept other valid methods
c)	The correct angle ticked (the 2nd)	1	c.a.o.
12. a)	22×15 mult. seen or implied 330 cm^2	1 1	Accept other valid methods
b) i.	$3\text{cm} \times 3\text{cm} = 9 \text{ cm}^2$	1	c.a.o.
b) ii.	54 cm^2	1	c.a.o.
c)	276 cm^2	1	c.a.o.

