

DIRECTORATE FOR QUALITY AND STANDARDS IN EDUCATION
Department of Curriculum Management
Educational Assessment Unit
High 5 – Junior Mathematicians Challenge Qualifier – 2015

MARKING SCHEME

SECTION A

(2 marks each c.a.o.)

1.	(b) 0.6
2.	(c) 15
3.	(b) 3
4.	(c) 6
5.	(c) 6
6.	(d) $\frac{2}{5}$
7.	(d) 169
8.	(d) 12
9.	(c) 315 ml
10.	(b) 8 hours 35 minutes
11.	(b) 39mm or (c) €3.90
12.	(b) €4.05
13.	(c) 24
14.	(b) 3
15.	(a) 9
16.	(b) 1
17.	(a) E
18.	(b) 4
19.	(c) 161

SECTION B

(3 marks each c.a.o.)

Question No.	Answers and Requirements	Marks	Additional Guidance
20	No	1	c.a.o.
	No team got full points	2	Accept any valid reasons
21. a)	535	3	Accept other valid answers Award 1 mark if answer is incorrect but all the 3 digits in the number are odd and/or Award 1 mark if answer is incorrect but the total of all the three 3 digits is 15 and/or Award 1 mark if answer is incorrect but the 3-digit number written is divisible by 5
22	72cm	3	c.a.o. Award 1 mark for any valid attempt to work out the perimeter
23	€1364	3	Accept other valid solutions Award 1 mark for any correct attempt

Legend to Marking Scheme:

c.a.o. correct answer only

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 your 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 doesn't oversimplify the question.