

DIRECTORATE FOR QUALITY AND STANDARDS IN EDUCATION  
Directorate for Learning and Assessment Programmes  
Educational Assessment Unit  
High 5 – Junior Mathematicians Challenge Qualifier – 2018

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**MARKING SCHEME**

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<b>SECTION A</b>		<b>(2 marks each c.a.o.)</b>	
1.	(c) €50•70		
2.	(b) 326		
3.	(b) 2 sweets		
4.	(d) All squares are rectangles.		
5.	(c) 50		
6.	(c) $(72 \times 100) - 72$		
7.	(d) 6		
8.	(a) 4		
9.	(g) 22•8 kg		
10.	(b) €12		
11.	(b) 7 km 86 m		
12.	(b) 85 minutes		
13.	(c) 47 cubes		
14.	(d) 200 grams		
15.	(c) 36 cm		
16.	(c) 120 students		
17.	(a) North		
18.	(c) $\frac{1}{8}$		
19.	(a) 41 cards		
<b>SECTION B</b>		<b>(3 marks each c.a.o.)</b>	
20.	60		
21.	6		
22.	a. true      b. not true      c. we can't tell      d. not true		
23.	32767		

**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.