



**World Class Tests®**

challenging **minds**, recognising **talent™**



# World Class Tests

## Answers to Sample Questions

8-11 year olds



WORLD CLASS ARENA LIMITED

# General marking principles

The following marking principles apply to all questions within the tests.

1. A mark box is provided for each available mark. There are no half marks.
2. The answer given in the answer box or on the answer line is considered first. If however, no answer is given in the answer box or on the answer line, but an answer is clearly given elsewhere, this answer can then be considered. Additionally, if a correct answer is given in the working, but copied incorrectly into the answer box or on the answer line, the mark is still awarded.
3. In some questions, a mark is given for **evidence of an appropriate method**. Where this is the case, it is indicated in the mark scheme.

An appropriate method is one which, in the marker's judgement, offers a **complete** strategy for solving the problem, but which did not produce the correct answer, either because of an arithmetic error or some other fault in its execution. The strategy need not be explicit at each stage of the working, as some steps may be done mentally.

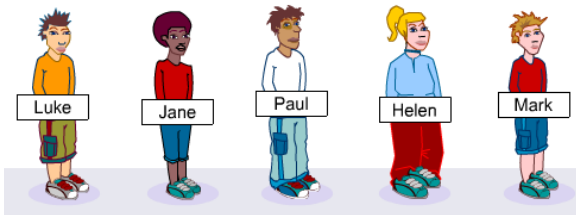
A question with a **correct answer** is awarded **both the available marks**, even if there is an apparently inadequate method or no written evidence of method at all. In other words, a correct answer stands as evidence of an appropriate method. This is indicated in the mark scheme.

## Marking Guidance

### Mathematics 8-11 year olds: Paper-Based Test

Question	Requirement	Marks	Additional Guidance
1.1	150, 151, 152, 153, 154	2m	Award <b>two</b> marks if all five numbers have been given correctly and no errors.  Award <b>one</b> mark for three or four correct answers. Ignore any errors.  Otherwise, award no marks.
1.2	245, 246, 247, 248, 249	2m	Award <b>two</b> marks if all five numbers have been given correctly and no errors.  Award <b>one</b> mark for three or four correct answers. Ignore any errors.  Otherwise, award no marks.
2	90 grams	2m	Award <b>two</b> marks for a correct solution.  Award <b>one</b> mark if there is evidence of an appropriate (even partial) method, but no correct answer given.

















### Mathematics 8-11 year olds: Computer-Based Test

Question	Requirement	Marks	Additional Guidance
Back to Front		Up to 3m	This question would be marked automatically.

## Problem Solving 8-11 year olds: Paper-Based Test

Question	Requirement	Marks	Additional Guidance
1 Eggs	6 red eggs 6 yellow eggs 6 blue eggs 2 green eggs	2m	<p>Award <b>two</b> marks if all four answers have been given correctly.</p> <p>Award <b>one</b> mark for two or three correct answers. Ignore any errors, <b>OR</b></p> <p>award <b>one</b> mark if there is evidence of an appropriate (even partial) method, but no correct answer given.</p>
2 Eggs	2 girls 4 boys	2m	<p>Award <b>two</b> marks if both answers have been given correctly.</p> <p>Award one mark if <b>one</b> answer has been given correctly, <b>OR</b></p> <p>award <b>one</b> mark if there is evidence of an appropriate (even partial) method, but no correct answer given.</p>

## Problem Solving 8-11 year olds: Computer-Based Test

Question	Requirement	Marks	Additional Guidance																				
Floaters	<table><tr><th>Food:</th><th>Mass (g)</th><th>Volume (cm<sup>3</sup>)</th><th>Sinks</th><th>Floats</th></tr><tr><td>Sprout</td><td>40</td><td>50</td><td></td><td></td></tr><tr><td>Butter</td><td>250</td><td>260</td><td></td><td></td></tr><tr><td>Cheese</td><td>140</td><td>130</td><td></td><td></td></tr></table>	Food:	Mass (g)	Volume (cm <sup>3</sup> )	Sinks	Floats	Sprout	40	50			Butter	250	260			Cheese	140	130			3m	<p>This question would be marked automatically.</p> <p>Award <b>three</b> marks if all three answers have been given correctly.</p> <p>Award <b>two</b> marks if two answers have been given correctly.</p> <p>Award <b>one</b> marks if one answer has been given correctly.</p>
Food:	Mass (g)	Volume (cm <sup>3</sup> )	Sinks	Floats																			
Sprout	40	50																					
Butter	250	260																					
Cheese	140	130	