



**Year 1**

**Mathematics**

**Mark scheme**

## Administration Instructions

### General

These assessments has been compiled from Year 2 papers, using questions that assess Year 1 curriculum content. Some new questions have been written to supplement the questions from Testbase. Some of the questions have been adapted to suit Year 1 pupils.

The papers have not been trialled in Year 1 classrooms. Because of this we are unable to give any guidance on the interpretation of the assessment outcomes or a threshold for the expected standard. It will be up to teachers using the assessment to draw their own conclusions about the performance of their children.

The point of the assessment is to find out what children can do in relation to the curriculum; at this age, administering the assessments to the children in a way that allows them to access the material is more important than administering the assessments in a rigid and consistent way. As their teacher, you will be in a position to interpret their performance, taking into account how the assessment was administered.

As most of the questions were taken from a test that was written for older children, we recommend that you administer the papers in a way that is more suitable for children of this age. We recommend that all questions are read to the children. Other suggestions for administration include administering on a one-to-one or small group basis and having more flexible administration times. This may include having breaks if they are needed.

Regarding the use of equipment, allow the children to use any equipment that supports their ability to demonstrate their knowledge and skills. While the end of KS1 tests have limited the use of equipment, teachers are still encouraged to use equipment to support children's learning. This is likely to be the case in Year 1.

### Arithmetic

Use the practice question to give children an idea of what they need to do. In your discussion of the practice question, make sure that they understand they need to check the operation sign. We have put the first 6 questions on the first page (and they are all addition and subtraction of increasing difficulty). The second page has questions using various operations. We have split the questions across two pages so it appears less intimidating and to provide a natural break point, if it is needed.

### Reasoning

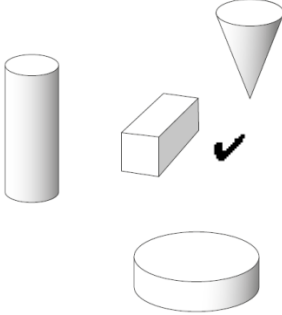
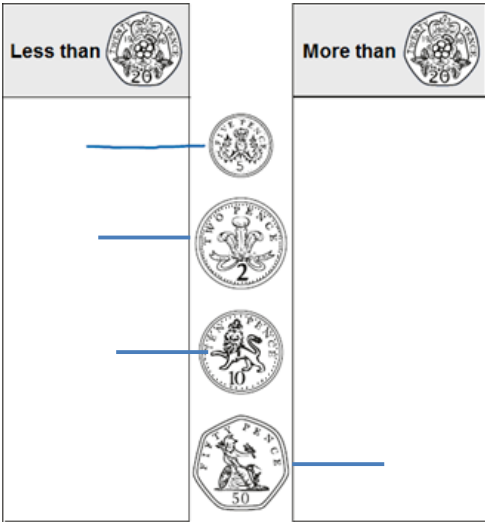
We have not included specific aural questions because we suggest you read all the test, question by question to pupils. None of the test has a mental component, so the children are allowed access to the text for the questions throughout.

Use the practice question to give children an idea of what they need to do. We have provided a question where they have to tick the answer. Ensure that the children know to tick closest to the number they want to choose as their answer.

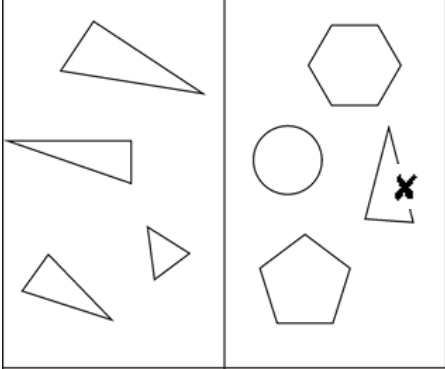
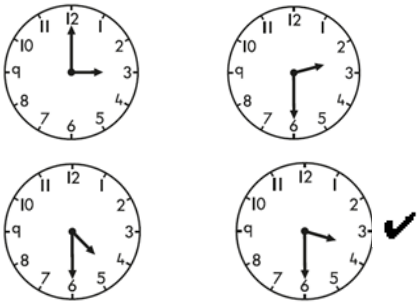
## Arithmetic

Question number.	NC Test framework reference	Answer	Marks	Where used in Testbase
Practice	1N2b	2	-	New
1	1N2b	5	1	New
2	1C1 1C2a	8	1	New
3	1N2b	1	1	QST2.9.01
4	1C1 1C2a	2	1	QST2.8.01
5	1N1b	6	1	QST2.1.01
6	1C1 1C2a	14	1	Q16P1.01
7	1C4	19	1	New
8	1C1 1C2a	9	1	New
9	1C8	20	1	New
10	1N1b	60	1	New
11	1C4	8	1	Q16P1.03
12	1C8	30	1	QST2.6.08

Reasoning

Question	NC Test framework reference	Answer	Where used in Testbase
Practice		3    4    (5)    6	
1	1N1a	22    (23)    24    25	
2	1G1b	 <p>Cuboid ticked or indicated</p>	Q03.T2.21 adapted
3	1N1b	25, 30, 35, <u>40</u> , 45, 50	
4	1M3		Q16.P2.08 adapted
5	1N2b	30    29    (28)    25	
6	1C4	12    (13)    23    27	16.P2.11 adapted
7	1F1a	2    4    (6)    8	Q02.T.10 adapted

Question	NC Test framework reference	Answer	Where used in Testbase
8	1N4 1N2a 1N2c		04.T2.19 adapted
9	1F1b		
10	1C4	<p style="text-align: center;"><b>5</b></p> <p style="text-align: center;">⑧                      6</p> <p style="text-align: center;">⑨</p> <p><i>Circled or otherwise indicated.</i></p>	Q00.T.09 adapted
11	1C2b	<p><b>4 + 3 = 7</b></p> <p>or</p> <p><b>3 + 4 = 7</b></p> <p><i>Allow a response without the final answer.</i></p> <p><i>Do not credit a response with a final incorrect answer.</i></p> <p><i>Do not accept 7 without a correct addition.</i></p>	Q09.T2.10 adapted
12	1C8 1N1b	<b>14 shoes</b>	QSD.P2.07

Question	NC Test framework reference	Answer	Where used in Testbase
13	1G1a	 <p><i>Do not accept if more than one shape is indicated unless it is clear which shape the child has selected.</i></p>	Q98.T.07 adapted
14	1M4a		Q02.T.20 adapted
15	1C8	<p><b>4</b></p> <p><i>Accept a response where the correct number of shells has been circled.</i></p>	Q05.T2.12 adapted