

2024 national curriculum tests

# Key stage 2

## Mathematics

Administering the braille version of  
Paper 2: reasoning

**WEDNESDAY 15 MAY 2024**

**CONFIDENTIAL:** This pack must be kept secure and unopened until the start of the test on **Wednesday 15 May 2024**.

Early opening, up to 1 hour before the test starts, is only allowed if access to the contents is needed to make adaptations to meet individual pupils' needs. Early opening of more than 1 hour is only allowed if permission has been granted by STA.

Please ensure you have read and understood the 2024 modified test administration guidance before opening this pack.

### Pack contents:

- Administration instructions for the braille version of the key stage 2 mathematics test Paper 2: reasoning (overleaf)
- One copy of the braille tactile version of the key stage 2 mathematics test Paper 2: reasoning
- One copy of the printed transcript of the braille version of the key stage 2 mathematics test Paper 2: reasoning
- Model packs for question 1 and question 13

**For test administration**

## 2024 Key stage 2 mathematics test

The key stage 2 mathematics test consists of 3 papers. The papers must be administered in order. Pupils can have a break between Papers 1 and 2.

The scheduled day for the administration of Papers 1 and 2 is Wednesday 15 May.

The scheduled day for the administration of Paper 3 is Thursday 16 May.

### Paper 2: reasoning

The following information explains how to administer the braille version of the key stage 2 mathematics test Paper 2: reasoning. Modified test administration guidance is available at [www.gov.uk/sta](http://www.gov.uk/sta). If you have any questions, you should check with your headteacher or key stage 2 test co-ordinator before you administer the test.

Please make sure you follow these instructions correctly to ensure the test is properly administered. Failure to administer the test correctly could result in a maladministration investigation.

<b>Format</b>	<ul style="list-style-type: none"><li>• Paper 2: reasoning consists of a single test booklet in braille.</li><li>• There are copies of a diagram at the back of the booklet for use with <b>question 12</b>.</li><li>• There is a printed transcript of the braille booklet to help test administrators.</li><li>• Pupils will have 40 minutes to complete the test, plus up to 100% additional time.</li><li>• Changes have been made to the layout of some parts of the standard test paper to create the Braille version</li><li>• You must refer to the printed transcript rather than the standard test questions when administering this test.</li></ul>
<b>Equipment</b>	<ul style="list-style-type: none"><li>• Each pupil will need the equipment specified below:<ul style="list-style-type: none"><li>• a suitable way of recording their answers that reflects the usual way they write in class, such as a braille, electronic braille display or word processor</li><li>• braille paper (if the pupil is brailleing their responses)</li><li>• a suitable tactile ruler (for measuring in centimetres)</li><li>• a suitable tactile protractor or angle measurer.</li><li>• the model supplied for <b>question 1</b> and the model supplied for <b>question 13</b>.</li></ul></li><li>• Pupils may use the following, if this is normal classroom practice:<ul style="list-style-type: none"><li>• pins and bands to help record responses on diagrams</li><li>• stylus and floppy mat to help with drawing on plastic film.</li></ul></li><li>• Pupils may use the following equipment, if this is normal classroom practice, provided they only give word-for-word translations:<ul style="list-style-type: none"><li>• bilingual dictionaries or electronic translators</li><li>• bilingual word lists</li><li>• monolingual English electronic spell checkers.</li></ul></li><li>• Pupils are <b>not</b> allowed:<ul style="list-style-type: none"><li>• calculators.</li></ul></li></ul>
<b>Assistance</b>	<ul style="list-style-type: none"><li>• You must ensure nothing you say or do during a test could be interpreted as giving pupils an advantage, for example, indicating an answer is correct or incorrect, or suggesting the pupil review an answer again.</li><li>• If the pupil requests it, you may read a question to the pupil on a one-to-one basis.</li><li>• If reading to a pupil, you may read words and numbers, but not mathematical symbols. This is to ensure pupils are not given an unfair advantage by having the function inadvertently explained by reading its name.</li><li>• At a pupil's request, you may point to parts of the test paper such as charts, diagrams, statements and equations, but you must not explain the information or help the pupil by interpreting it.</li><li>• The examples below illustrate how to deal with some common situations: <b>Question:</b> What does 'quadrilateral' or '&gt;' or '&lt;' mean? <b>Answer:</b> I can't tell you, but think hard and try to remember. We can talk about it after the test. <b>Question:</b> What is '0.6'? <b>Answer:</b> That's nought point six.</li><li>• You must not explain any subject-specific terminology. If any other word in a question is unfamiliar, you may explain it or show them objects to help them understand.</li></ul>

<p><b>Guidance for specific questions</b></p>	<ul style="list-style-type: none"> <li>• There is a model supplied for <b>question 1</b> and a model supplied for <b>question 13</b>. Make sure that this is to hand when the pupil reaches this question.</li> <li>• <b>Q26</b> Ensure that the pupil finds the diagram on the opposite page. They can use the diagram to support them in answering the question, if needed. The numbers <math>-2</math> and <math>-4</math> from the x-axis have been omitted from the diagram due to space. If the pupil uses the grid, ensure they write the letters of the translations for their answer rather than just marking the grid.</li> </ul>
<p><b>Before the test begins</b></p>	<ul style="list-style-type: none"> <li>• Make sure you have the printed transcript of the braille booklet.</li> <li>• Ensure the following is written on the cover of the pupil's paper (or on every page of braille paper used if this is how the pupil is answering): pupil's name provided during pupil registration, your school's name and DfE number.</li> <li>• Have the correct models needed for <b>question 1</b> and <b>question 13</b>.</li> <li>• Detach the copies of the diagram from the back of the booklet so they are to hand when the pupils get to <b>questions 1, 3 and 18</b>.</li> <li>• Review the list of pupils with any particular individual needs and consider whether they may need rest breaks or other access arrangements.</li> <li>• Ensure you know how to administer any access arrangements correctly. Please refer to the 2024 key stage 2 access arrangements guidance.</li> <li>• It is important that the pupils' names on their test papers match the names on the test attendance register. Check with your test co-ordinator whether any pupil in your group is known by a different name in school, or has changed their name since pupil registration. This is so you can write the correct name on their test paper.</li> </ul>
<p><b>What to do at the start of the test</b></p>	<ul style="list-style-type: none"> <li>• Check that seating is appropriately spaced.</li> <li>• Check that pupils don't have mobile phones or other disruptive items.</li> <li>• Check that pupils don't have any materials or equipment that may give them extra help.</li> <li>• Ensure each pupil who needs it has a braille copy of mathematics Paper 2: reasoning.</li> <li>• Tell the pupils the duration of the test.</li> </ul>

<p><b>How to introduce the test</b></p>	<ul style="list-style-type: none"> <li>It is important to brief pupils fully at the start of each test. You should use this script to introduce Paper 2: reasoning. <i>This is the key stage 2 mathematics Paper 2: reasoning.</i> <i>Open your test booklet to page 1. I will read the instructions to you. (Read the instructions from braille page 1 of the transcript of the test paper to the pupils.)</i> <i>You must <b>not</b> use a calculator to answer any questions in this test.</i> <i>You have 40 minutes to complete this test, plus your additional time allowance.</i> <i>Follow the instructions for each question.</i> <i>Work as quickly and as carefully as you can.</i> <i>Some questions say: "Show your method." For these questions, you may get a mark for showing your method.</i> <i>If you cannot do a question, go on to the next one. You can come back to it later, if you have time.</i> <i>If you finish before the end, go back and check your work.</i> <i>The questions are on different types of paper and diagrams are on opposite pages.</i> <i>Make sure you read everything carefully.</i> <i>A line has been used in some questions to indicate a missing number.</i></li> </ul> <p><b>Note to test administrator:</b> <i>Please write the school DfE number on the pupil's braille script.</i></p> <p><i>If you want to change your answer, put a line through the answer you don't want the marker to read or use a series of 'for' signs (full 6 dot cells) with your braille.</i></p> <p><i>Remember to check your work carefully.</i></p> <p><i>If you have any questions during the test, you should put your hand up and wait for someone to come to you. Remember, I can't help you answer any of the test questions.</i></p> <p><i>You must not talk to each other.</i></p> <p><i>Are there any questions you want to ask me now?</i></p> <p><i>I will tell you when you have 5 minutes left.</i></p> <p><i>I will tell you when the test is over and to stop working.</i></p> <p><i>You may now start the test.</i></p>
<p><b>How to deal with issues during the test</b></p>	<ul style="list-style-type: none"> <li>It is impossible to plan for every scenario. Whatever action you take, pupil safety must always be your first consideration.</li> <li>In the following circumstances, you will need to stop the test either for an individual pupil, group of pupils or for the whole cohort: <ul style="list-style-type: none"> <li>test papers are incorrectly collated or the print is illegible</li> <li>an incorrect test has been administered</li> <li>a fire alarm goes off</li> <li>a pupil is unwell</li> <li>a pupil needs to leave the room</li> <li>a pupil is caught cheating.</li> </ul> </li> <li>If you need to stop the test: <ul style="list-style-type: none"> <li>make a note of the time</li> <li>make sure pupils are kept under test conditions and that they are supervised</li> <li>if pupils have to leave the room, ensure they do not talk about the test</li> <li>speak to your test co-ordinator or a senior member of staff for advice about what to do next</li> <li>consider contacting the national curriculum assessments helpline on 0300 303 3013 for further advice.</li> </ul> </li> <li>You should brief your headteacher on how the incident was dealt with once the test is over.</li> </ul>

**What to do at the end of the test**

- If you need to make a transcript of a test script, complete it with the individual pupil at the end of the test under test conditions. Particular care should be taken to ensure accurate transcriptions are made and the pupil's answers are not corrected or amended. Do not transcribe pupils' brailled answers onto standard test scripts.
- Ensure you inform your senior member of staff/test co-ordinator if you have made a transcript, or if a pupil has used a scribe, word processor or other electronic or technical device. This is so they can complete the appropriate online notification.
- Ensure you have collected every test script including any unused test material and any additional paper which pupils have recorded their answers on.
- Ensure each sheet of paper has the pupil's name, school name and the school's DfE number clearly written on it.
- Return the test scripts, and any additional paper, immediately to the senior member of staff who is responsible for collating the test scripts. Ensure you inform them of any pupils who have used additional paper so they can collate the pupils' responses correctly.
- Do not look at, annotate or review pupils' answers in any way (unless it is necessary to make a transcript). If you amend or tamper with pupils' answers in test scripts, it will be considered maladministration and results could be annulled.
- Do not keep or photocopy test scripts for any reason.
- All test materials, including printed transcripts and any unused test papers, must be stored securely until Friday 24 May 2024.

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2024 key stage 2 mathematics

Administering the braille version of Paper 2: reasoning

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### **For more copies**

Additional copies of this braille print test paper can be ordered by contacting the national curriculum assessments helpline on 0300 303 3013. After the test window a transcript can be downloaded from <https://www.gov.uk/government/collections/national-curriculum-assessments-practice-materials>.

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