

Ma

YEAR
7

LEVELS
3–4

2005

MENTAL
MATHEMATICS



Mathematics tests

Subject-specific guidance

Mental mathematics test
20 minutes

Key points

- Each tape or CD includes both the instructions to the pupils and the questions. The full text of these instructions and the practice question is overleaf.
- There are two occasions to stop the recording, which are indicated by a bleep:
 - the first point comes at the beginning of the recording once the instructions have been given;
 - the second comes after the practice question.

You should explain to pupils that these two occasions will be their only opportunity to ask any questions.

You must not stop the recording at any other point, or add any additional instructions of your own.

If you are using the CD version of the test, you should use the pause button to stop the recording.

- The recorded test will tell pupils how long they have to answer each question. The test is in three sections and the time given will increase from 5, to 10, to 15 seconds as the test progresses.
- You should ensure that each pupil has a pen or pencil. They must not have rubbers, rulers, calculators or any other mathematical equipment. Pupils must not have access to paper for working out answers.
- You should ensure that pupils write their name and the name of the school in the spaces provided on their pupil answer sheet.

Transcript of audiotape/CD

The transcript of this test is provided in the *Year 7 Mental mathematics test – Audiotape/CD transcript* booklet. The transcript should only be used in the event of audiotape or CD failure.

Questions that must not be enlarged

If your school needs to enlarge questions or parts of questions to meet the specific requirements of individual pupils, and has not ordered the enlarged papers from the Modified Test Agency, the following questions must **not** be enlarged. This is because enlargement may affect the pupils' responses.

Question
9
20

Please turn over

Transcript of the introduction to the test and practice question

The following transcript is included at the beginning of the tape and CD, before the questions.

Listen carefully to the instructions I am going to give you. When I have finished, your teacher will stop the recording and (I) will answer any questions. However, you will not be able to ask any questions once the test has begun.*

I will start with a practice question. Then I am going to ask you 20 questions for the test. On your sheet there is an answer box for each question, where you should write the answer to the question and nothing else. You should work out the answer to each question in your head, but you may jot things down outside the answer box if this helps you. Do not try to write down your calculations because this will waste time and you may miss the next question. For some of the questions, important information is already written down for you on the sheet.

I will read out each question twice. Listen carefully both times. You will then have time to work out your answer. If you cannot work out an answer, put a cross in the answer box. If you make a mistake, cross out the wrong answer and write the correct answer next to it. There are some easy and some harder questions so don't be put off if you cannot answer a question.

Your teacher will now stop the recording and (I will now*) answer any questions you might have.

(BLEEP)

Here is the practice question to show you what to do. I will read the question twice, and you will have five seconds to work out the answer and write it in the answer box.

Add ten to the number on your answer sheet.

{The question is repeated}

Add ten to the number on your answer sheet.

{Five-second pause}

(BLEEP)

{The 20 questions then follow on the audiotape or CD}

*indicates words to be read aloud in the event of using the transcript.