



# Cambridge Primary Progression Test

## Mathematics paper 3 teachers instructions

### Stage 5



approx. 15 minutes

#### READ THESE INSTRUCTIONS FIRST

1. Learners should only have pens and answer sheet. They are not allowed to have any other mathematical equipment or paper for working out.
2. The teacher will need a watch or clock that tells the time accurately in seconds.
3. The teacher should read each question twice slowly using exactly these words and then wait the correct number of seconds (5 seconds for questions 1–5, 10 seconds for questions 6–15 and 15 seconds for questions 16–20) before moving on to the next question.
4. Learners are not allowed to ask questions during the test.

Read the text in italics to the learners:

*Listen carefully to these instructions. You will not have the opportunity to ask questions during the test.*

*You will be asked 20 questions. On your sheet there is an answer box for each question. You should work out your answers in your head. Do not try to write down your calculations because this will take up too much time. For some of the questions, important information is already written down for you on the sheet.*

*Each question will be read aloud twice. You will then have time to work out your answer. If you don't know the answer to the question, leave it and wait for the next question. If you want to change your answer, put a cross through your first answer and write your new answer nearby.*

*For the first group of questions you will have 5 seconds to work out each answer. For the second group of questions you will have 10 seconds to work out each answer. For the third group of questions you will have 15 seconds to work out each answer. Each question is worth one mark.*

*Do you have any questions about the test?*

(Answer any questions the learners may have.)

*Write your name on the front of the answer sheet.*

(Begin the test.)

*Now we are ready to start the test.*

*For this first group of questions, you will have 5 seconds to work out each answer and write it down.*

- 1 Write the number twenty thousand and three in figures.
- 2 Multiply six by eight.
- 3 What is seven squared?
- 4 Divide three thousand, six hundred and fifty by one hundred.
- 5 Round three metres sixty centimetres to the nearest metre.

*For this group of questions, you will have 10 seconds to work out each answer and write it down.*

- 6 How many millilitres are there in four point seven litres?

- 7 Look at the numbers on your answer sheet.  
What is the mode?
- 8 Look at the diagram on your answer sheet.  
Write down the co-ordinates of point A.
- 9 Look at your answer sheet.  
Find the size of angle  $a$ .
- 10 Look at the numbers on your answer sheet.  
Draw a ring around the numbers that are factors of twenty.
- 11 A necklace is made of twenty-eight beads.  
One quarter of the beads are black.  
The rest are white.  
How many white beads are there?
- 12 Subtract five thousand, nine hundred and ninety five from six thousand, one hundred and eight.
- 13 Look at the angles on your answer sheet.  
Draw a ring around all the obtuse angles.
- 14 An apple costs forty-five cents.  
How many apples can be bought for four dollars?
- 15 The temperature in the morning was negative five degrees Celsius.  
In the afternoon the temperature was thirteen degrees Celsius.  
By how many degrees did the temperature rise?

*For this group of questions, you will have 15 seconds to work out each answer and write it down.*

- 16 Find five percent of two hundred.
- 17 Look at the beaker on your answer sheet.  
How many millilitres of liquid are in the beaker?
- 18 Multiply seventeen and nineteen.
- 19 Two oranges are needed to make a juice drink for three people.  
How many oranges are needed to make the same juice drink for twelve people?
- 20 Look at the spinner on your answer sheet.  
It has eight equal sections.  
Which two numbers are you equally likely to spin?

*Now put down your pen. The test is finished.*

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